

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091020\
 Data File : BF121551.D
 Acq On : 10 Sep 2020 14:39
 Operator : JU/CG
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

mohammad
 9/11/2020 11:48:20 AM

Quant Time: Sep 10 15:25:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 14:49:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	190238	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	703037	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	357243	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	644962	20.00	ng	0.00
76) Chrysene-d12	13.99	240	511359	20.00	ng	0.00
86) Perylene-d12	15.44	264	473824	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1229135	108.40	ng	0.00
7) Phenol-d6	6.47	99	1616257	102.00	ng	0.00
23) Nitrobenzene-d5	7.40	82	1322106	128.57	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	455973	126.37	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2160993	97.60	ng	0.00
79) Terphenyl-d14	12.94	244	2438781	100.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	295205	54.592	ng	99
3) Pyridine	3.35	79	821132	55.762	ng	99
4) n-Nitrosodimethylamine	3.32	42	381232	58.568	ng	100
6) Aniline	6.50	93	1076200	57.241	ng	100
8) 2-Chlorophenol	6.62	128	628627	54.625	ng	97
9) Benzaldehyde	6.39	77	497043	63.969	ng	98
10) Phenol	6.48	94	851370	54.924	ng	94
11) bis(2-Chloroethyl)ether	6.57	93	659892	52.397	ng	98
12) 1,3-Dichlorobenzene	6.77	146	701527	50.629	ng	99
13) 1,4-Dichlorobenzene	6.85	146	705422	50.799	ng	99
14) 1,2-Dichlorobenzene	7.00	146	637637	49.314	ng	99
15) Benzyl Alcohol	6.98	79	561671	54.005	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1064736	57.068	ng	100
17) 2-Methylphenol	7.09	107	545630	54.493	ng	99
18) Hexachloroethane	7.35	117	259192	54.539	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	467949	52.844	ng	100
20) 3+4-Methylphenols	7.25	107	624102	51.507	ng	89
22) Acetophenone	7.25	105	841913	48.587	ng	# 95
24) Nitrobenzene	7.42	77	704125	68.309	ng	96
25) Isophorone	7.66	82	1313974	56.808	ng	99
26) 2-Nitrophenol	7.73	139	331012	94.985	ng	95
27) 2,4-Dimethylphenol	7.77	122	604306	62.993	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	808533	51.406	ng	98
29) 2,4-Dichlorophenol	7.97	162	536772	56.669	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	554573	47.794	ng	99
31) Naphthalene	8.14	128	1774085	50.829	ng	99
32) Benzoic acid	7.91	122	442153	83.356	ng	98
33) 4-Chloroaniline	8.19	127	791032	50.885	ng	98
34) Hexachlorobutadiene	8.26	225	328860	47.658	ng	99
35) Caprolactam	8.57	113	180005m	58.266	ng	
36) 4-Chloro-3-methylphenol	8.67	107	573453	57.421	ng	99
37) 2-Methylnaphthalene	8.83	142	1164688	50.365	ng	100
38) 1-Methylnaphthalene	8.93	142	1087585	49.807	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	541874	51.169	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091020\
 Data File : BF121551.D
 Acq On : 10 Sep 2020 14:39
 Operator : JU/CG
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

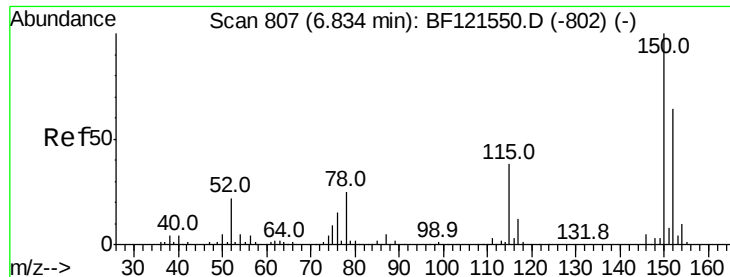
Manual Integrations
 APPROVED

mohammad
 9/11/2020 11:48:20 AM

Quant Time: Sep 10 15:25:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 14:49:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	343390	77.110	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	387028	57.823	nq	100
44) 2,4,5-Trichlorophenol	9.15	196	406324	61.390	nq	96
46) 1,1'-Biphenyl	9.29	154	1359863	50.444	nq	100
47) 2-Chloronaphthalene	9.32	162	1087752	49.091	nq	99
48) 2-Nitroaniline	9.42	65	374095	77.665	nq	93
49) Acenaphthylene	9.73	152	1659704	49.937	nq	99
50) Dimethylphthalate	9.60	163	1262410	51.444	nq	99
51) 2,6-Dinitrotoluene	9.66	165	286309	79.938	nq	88
52) Acenaphthene	9.90	154	1064015	50.700	nq	100
53) 3-Nitroaniline	9.83	138	327162	69.261	nq	96
54) 2,4-Dinitrophenol	9.93	184	140857	110.560	nq	# 90
55) Dibenzofuran	10.08	168	1469985	48.219	nq	98
56) 4-Nitrophenol	9.98	139	269130	70.132	nq	98
57) 2,4-Dinitrotoluene	10.06	165	376202	88.327	nq	93
58) Fluorene	10.42	166	1084740	47.201	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	331068	60.080	nq	99
60) Diethylphthalate	10.29	149	1231745	49.961	nq	99
61) 4-Chlorophenyl-phenylether	10.41	204	528764	45.922	nq	99
62) 4-Nitroaniline	10.44	138	324341	63.954	nq	97
63) Azobenzene	10.57	77	1299991	53.321	nq	96
65) 4,6-Dinitro-2-methylphenol	10.47	198	195564	116.970	nq	96
66) n-Nitrosodiphenylamine	10.53	169	1079242	52.907	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	365689	51.541	nq	98
68) Hexachlorobenzene	10.96	284	412525	49.720	nq	99
69) Atrazine	11.06	200	281005	47.500	nq	98
70) Pentachlorophenol	11.16	266	249081	65.713	nq	99
71) Phenanthrene	11.38	178	1673398	50.559	nq	99
72) Anthracene	11.43	178	1717289	52.753	nq	99
73) Carbazole	11.59	167	1572395	50.090	nq	99
74) Di-n-butylphthalate	11.92	149	1855021	53.194	nq	99
75) Fluoranthene	12.57	202	1789615	50.170	nq	98
77) Benzidine	12.69	184	869522	77.967	nq	100
78) Pyrene	12.79	202	1841601	50.427	nq	100
80) Butylbenzylphthalate	13.41	149	792075	56.297	nq	99
81) Benzo(a)anthracene	13.98	228	1566998	50.199	nq	100
82) 3,3'-Dichlorobenzidine	13.94	252	645303	56.439	nq	100
83) Chrysene	14.02	228	1609092	51.523	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	989254	54.440	nq	# 98
85) Di-n-octyl phthalate	14.59	149	1823046	59.199	nq	100
87) Indeno(1,2,3-cd)pyrene	16.89	276	1530252	52.489	nq	100
88) Benzo(b)fluoranthene	15.02	252	1659286	53.834	nq	99
89) Benzo(k)fluoranthene	15.06	252	1405372	49.021	nq	98
90) Benzo(a)pyrene	15.39	252	1360742	49.097	nq	99
91) Dibenzo(a,h)anthracene	16.91	278	1263152	52.931	nq	99
92) Benzo(g,h,i)perylene	17.33	276	1248452	54.307	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

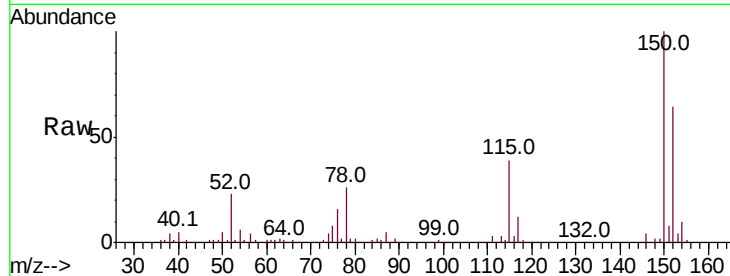
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.8	188.6
115	61.7	47.8	71.8

Manual Integrations
APPROVED

mohammad
9/11/2020 11:48:20 AM

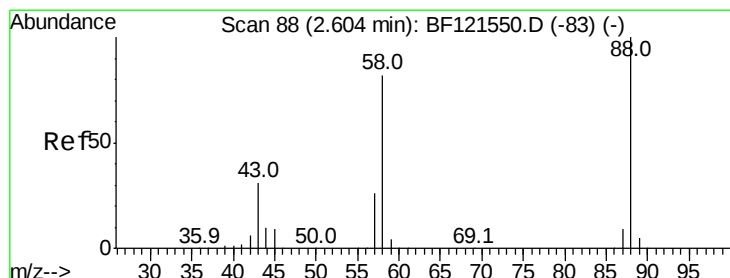
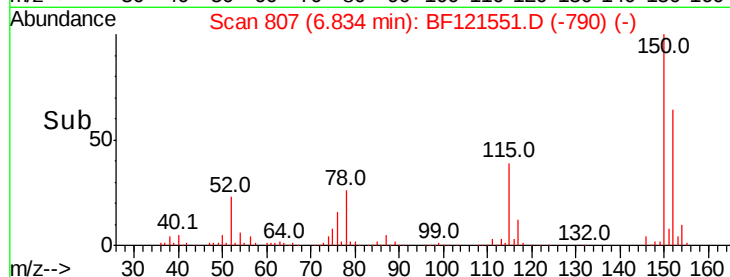
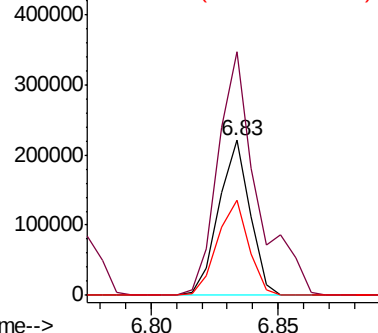


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

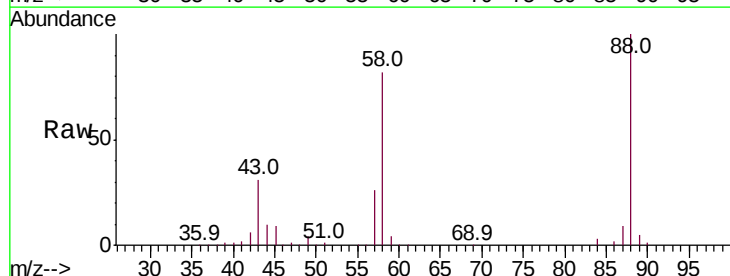
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 54.592 ng
RT: 2.60 min Scan# 88
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.9	65.1	97.7
43	31.0	25.0	37.4

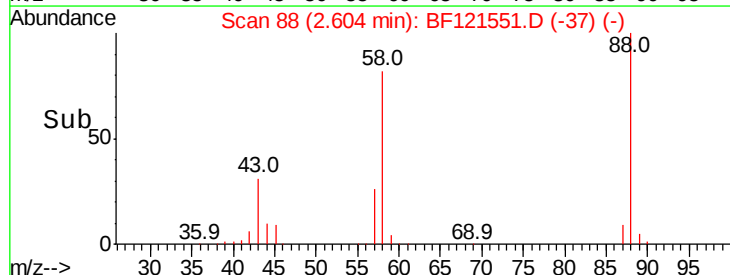
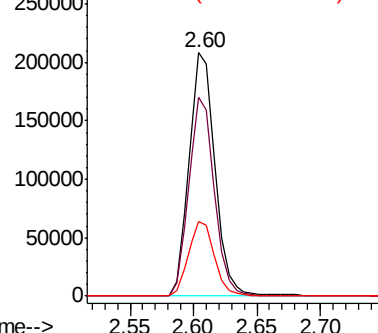


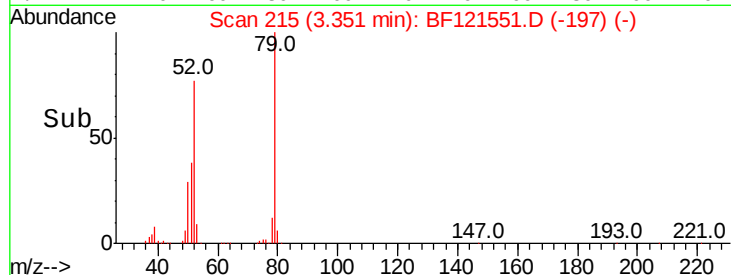
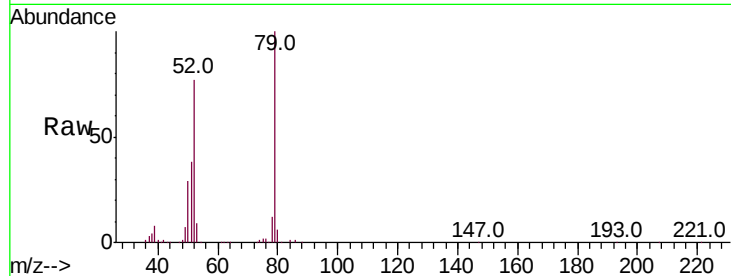
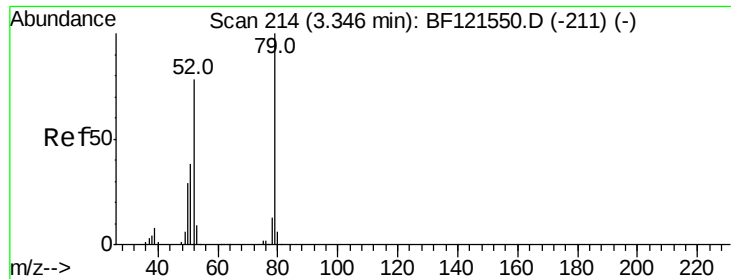
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





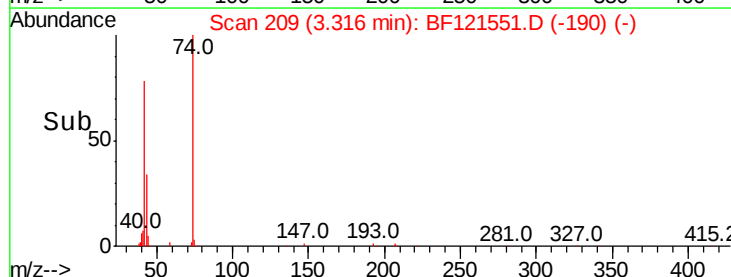
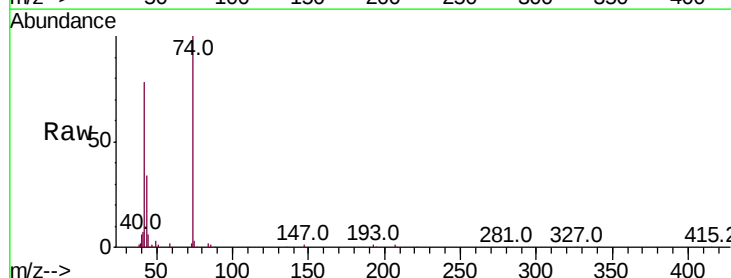
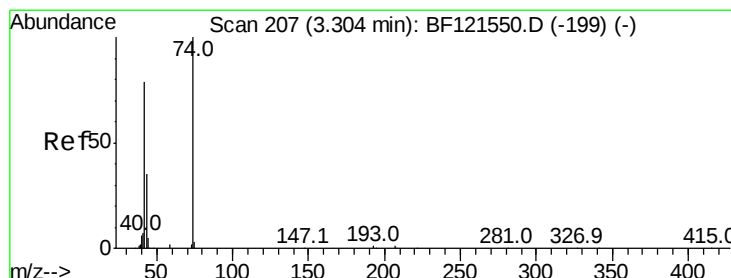
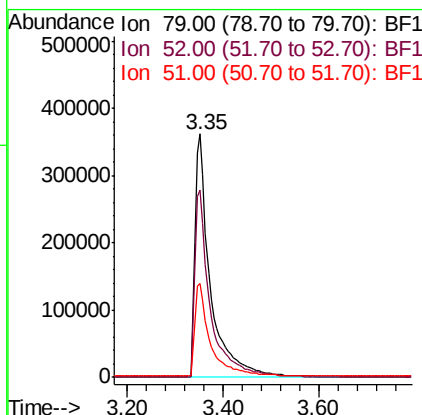
#3
Pvridine
Concen: 55.762 ng
RT: 3.35 min Scan# 215
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tot Ion: 79 Resp: 821132
Ion Ratio Lower Upper
79 100
52 76.9 62.2 93.2
51 38.3 30.6 45.8

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

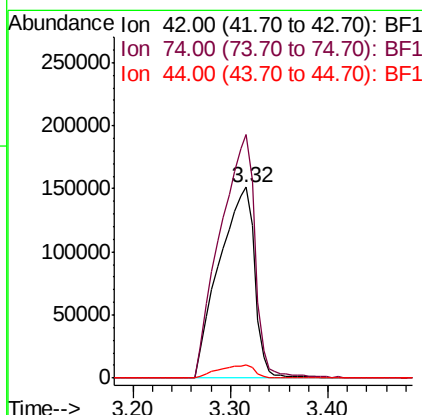
Manual Integrations
APPROVED

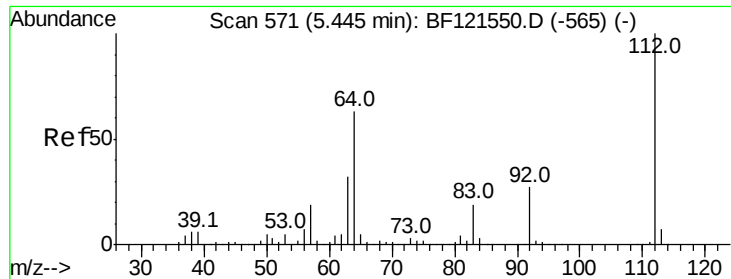
mohammad
9/11/2020 11:48:20 AM



#4
n-Nitrosodimethylamine
Concen: 58.568 ng
RT: 3.32 min Scan# 209
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion: 42 Resp: 381232
Ion Ratio Lower Upper
42 100
74 127.5 101.7 152.5
44 7.1 5.4 8.2





#5

2-Fluorophenol

Concen: 108.400 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

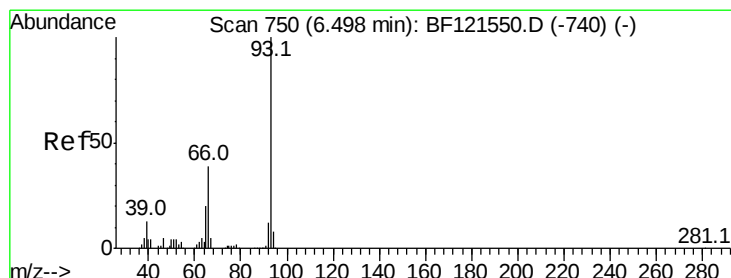
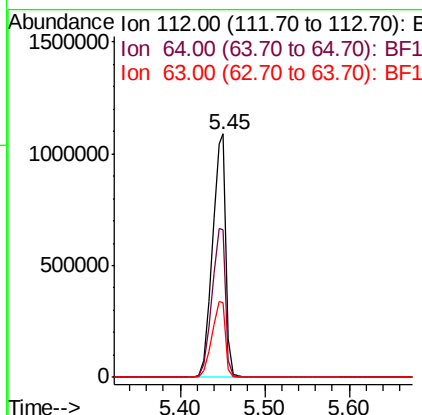
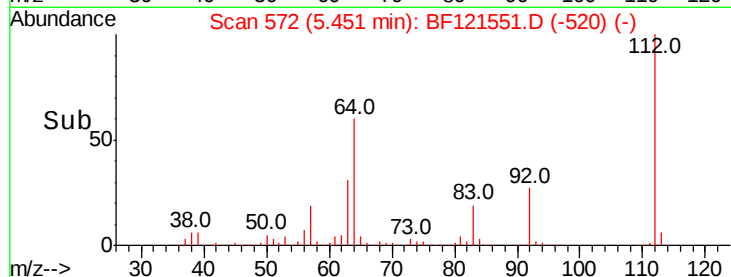
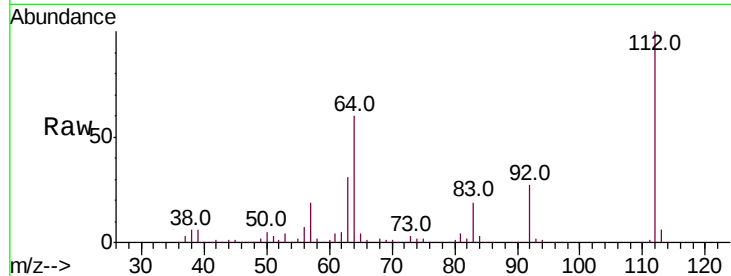
ClientSampleId :

SSTDIC050

Tot Ion:	112	Resp:	1229135
Ion	Ratio	Lower	Upper
112	100		
64	60.4	50.3	75.5
63	30.6	25.6	38.4

Manual Integrations
APPROVED

mohammad
9/11/2020 11:48:20 AM



#6

Aniline

Concen: 57.241 ng

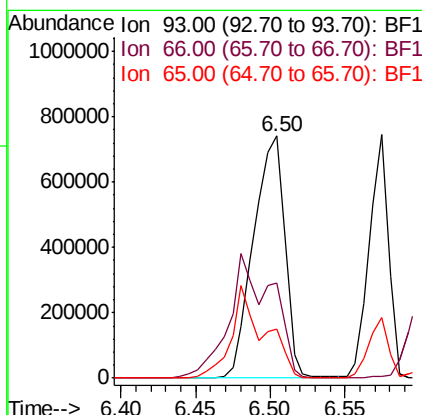
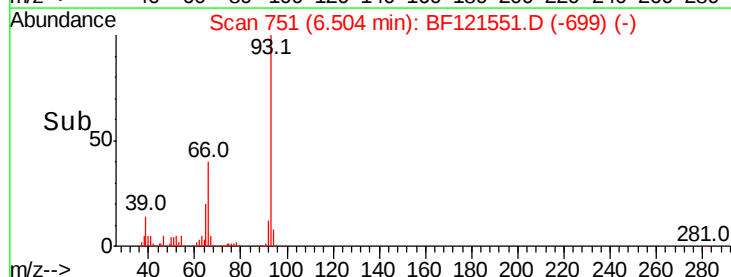
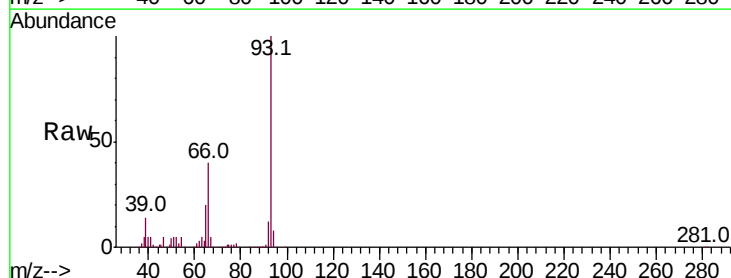
RT: 6.50 min Scan# 751

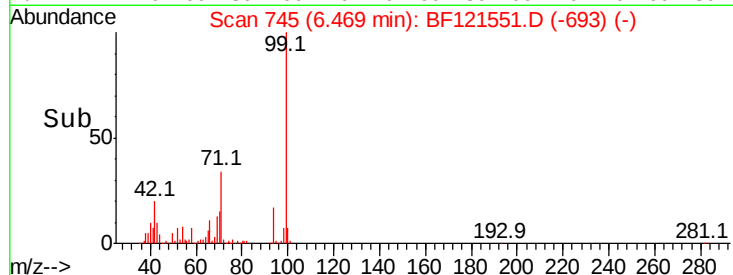
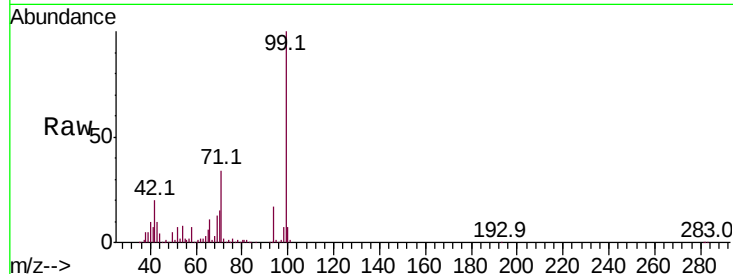
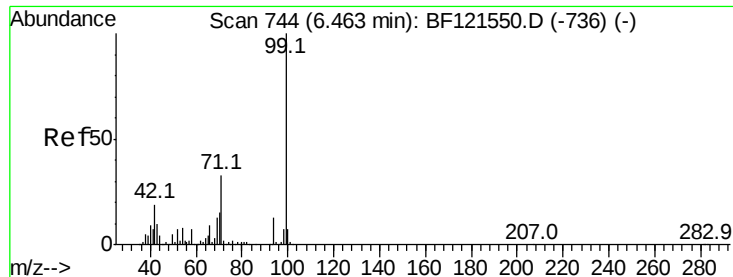
Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Tgt Ion:	93	Resp:	1076200
Ion	Ratio	Lower	Upper
93	100		
66	39.6	31.8	47.8
65	20.3	16.2	24.2





#7

Phenol-d6

Concen: 101.999 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Tot Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.5	23.3
71	33.6	26.1	39.1

Instrument :

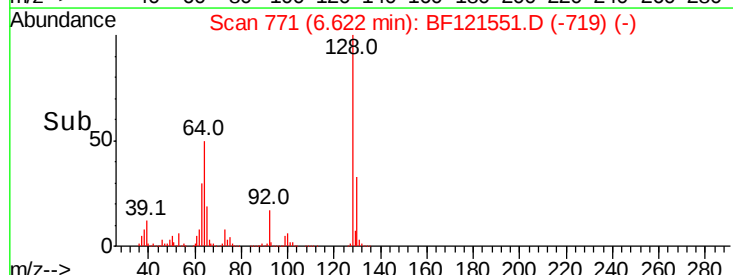
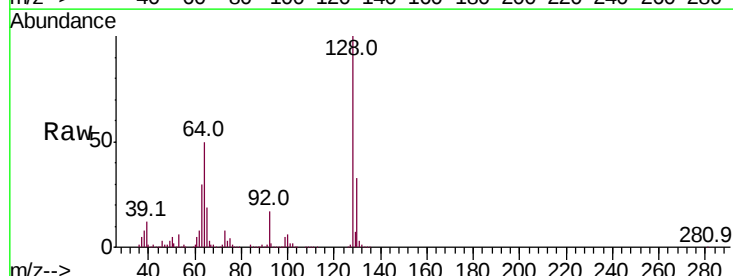
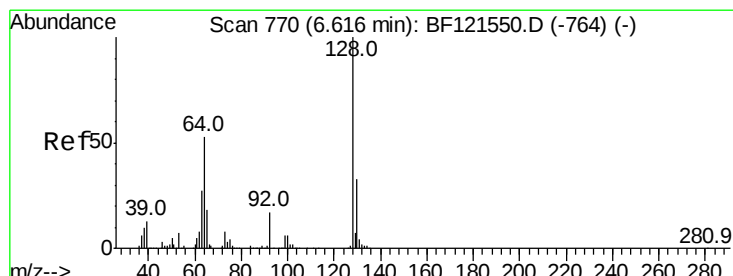
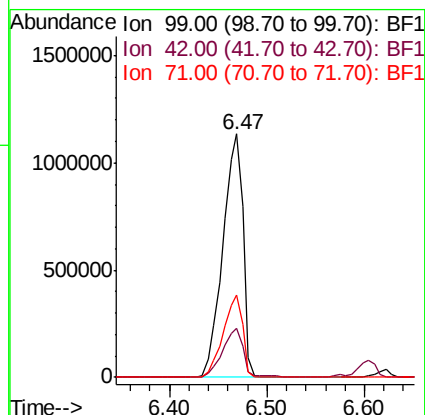
BNA_F

ClientSampleId :

SSTDIC050

Manual Integrations
APPROVED

mohammad
9/11/2020 11:48:20 AM



#8

2-Chlorophenol

Concen: 54.625 ng

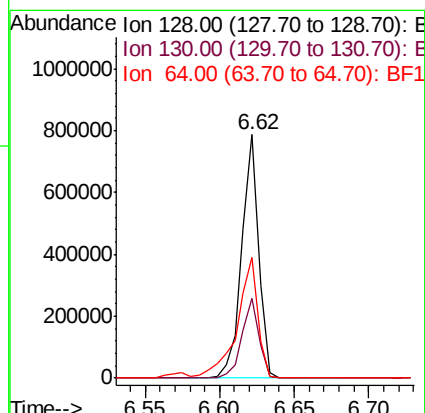
RT: 6.62 min Scan# 771

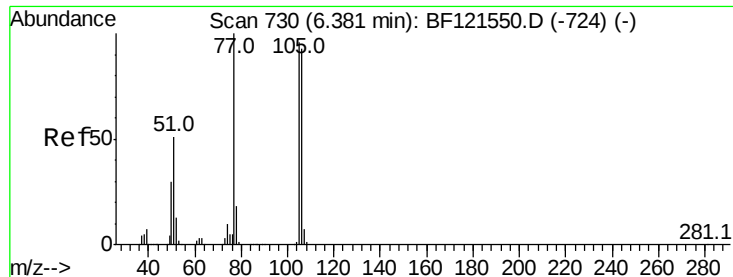
Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.6	52.6
64	49.7	33.1	73.1





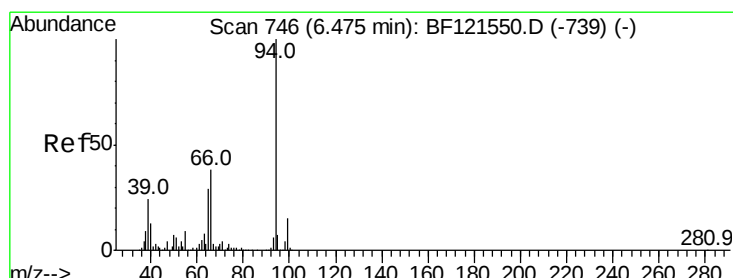
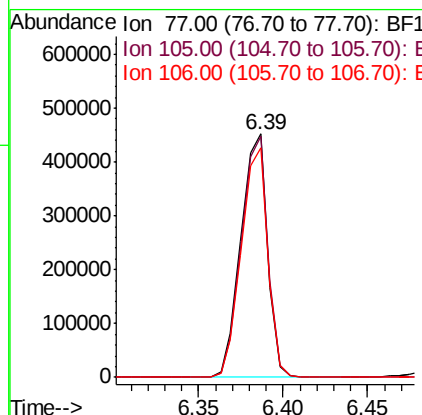
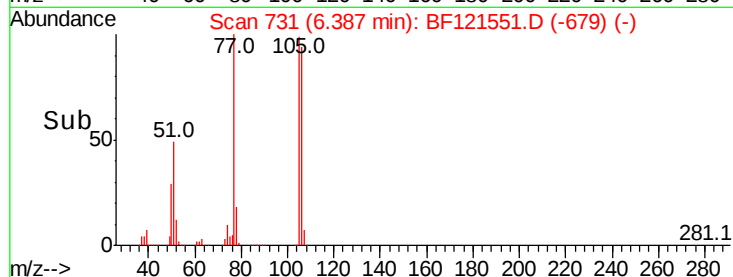
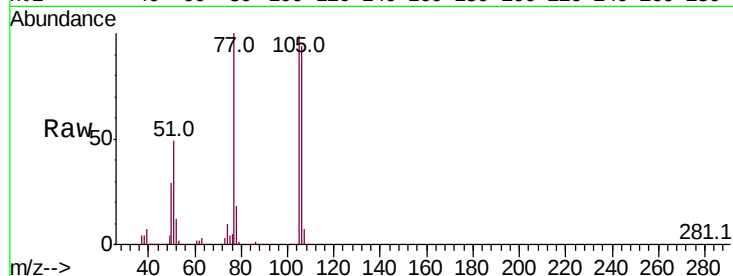
#9
Benzaldehyde
Concen: 63.969 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.8	76.4	116.4
106	94.3	73.5	113.5

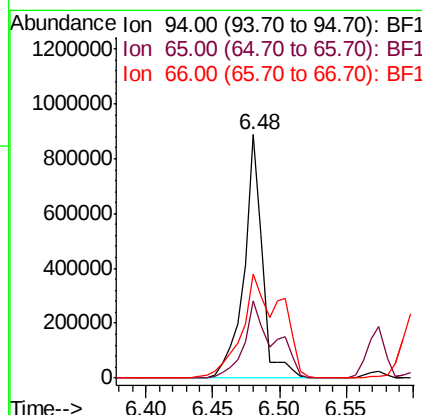
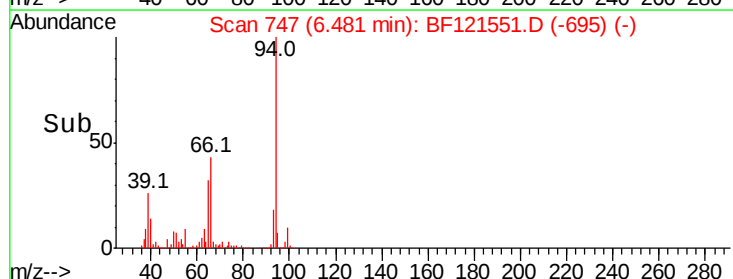
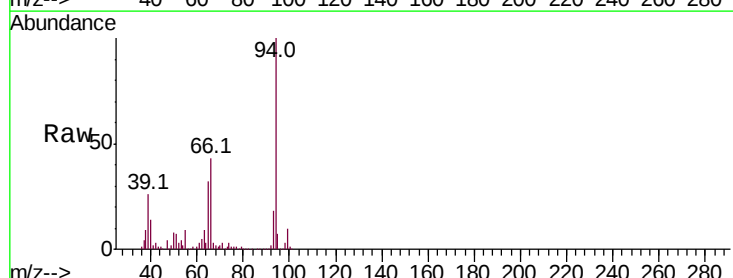
Manual Integrations
APPROVED

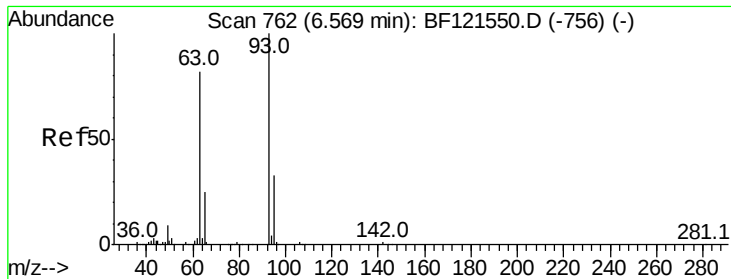
mohammad
9/11/2020 11:48:20 AM



#10
Phenol
Concen: 54.924 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.8	9.4	49.4
66	43.0	18.3	58.3





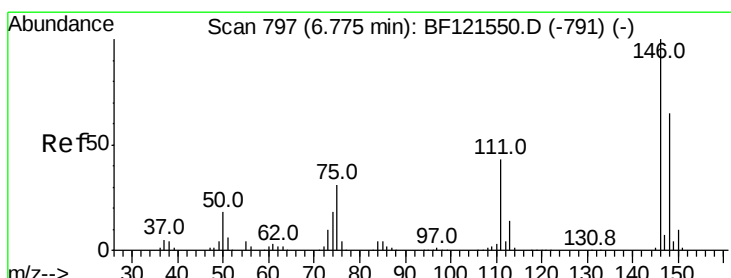
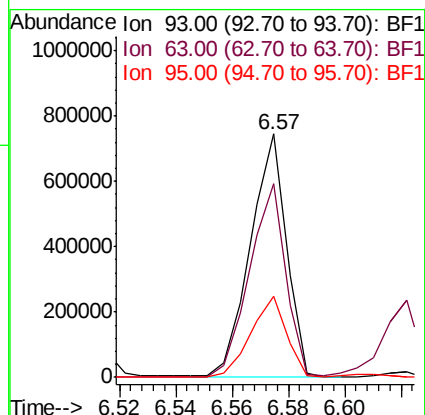
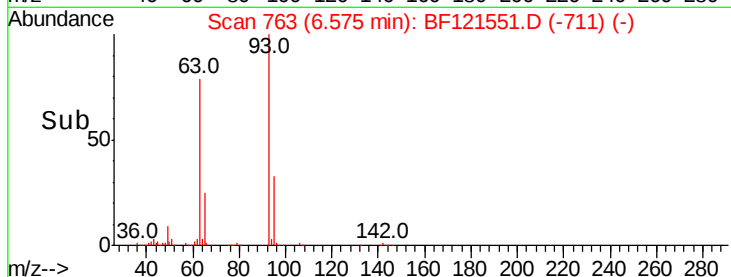
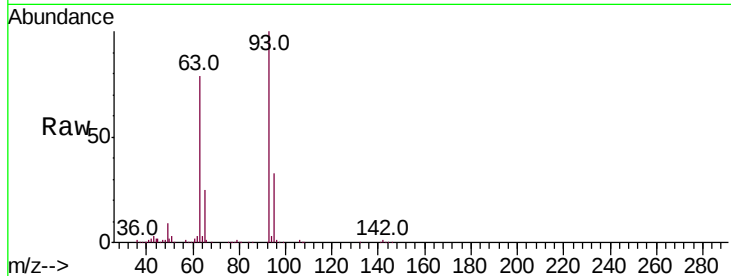
#11
bis(2-Chloroethyl)ether
Concen: 52.397 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.3	61.7	101.7
95	33.3	12.7	52.7

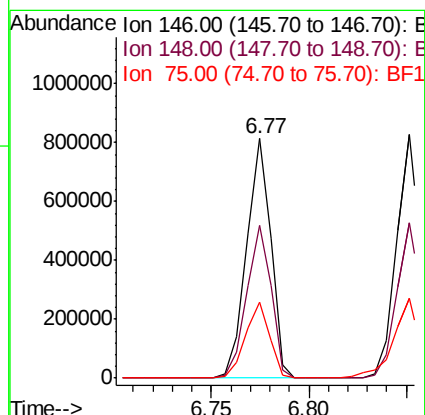
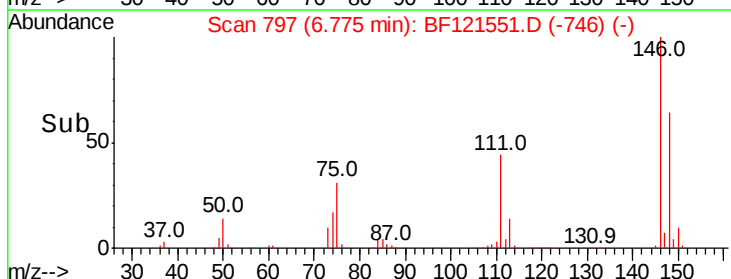
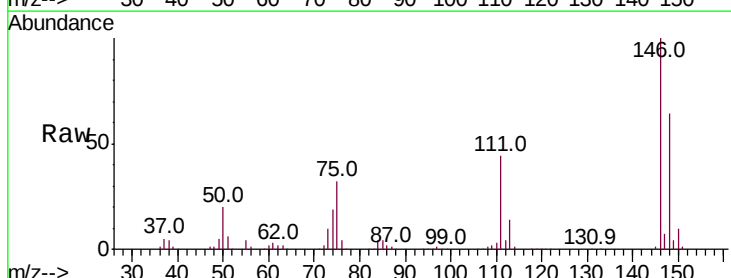
Manual Integrations
APPROVED

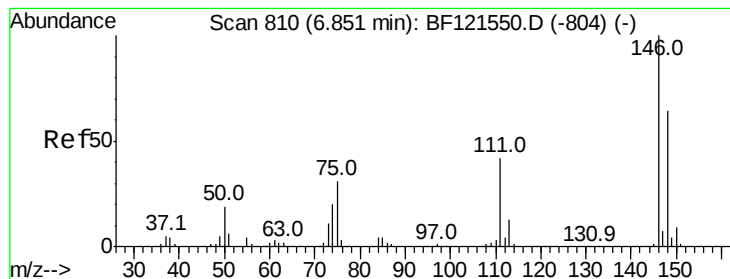
mohammad
9/11/2020 11:48:20 AM



#12
1,3-Dichlorobenzene
Concen: 50.629 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	31.9	24.6	36.8





#13

1,4-Dichlorobenzene

Concen: 50.799 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:146 Resp: 705422

Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

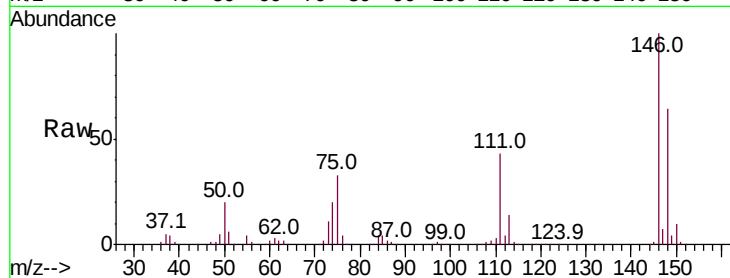
111 42.8 33.4 50.0

Manual Integrations

APPROVED

mohammad

9/11/2020 11:48:20 AM



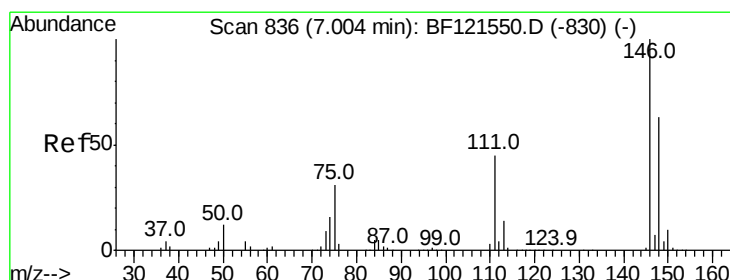
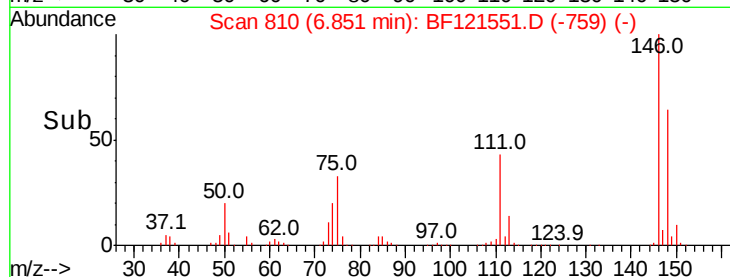
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.85

Time-->



#14

1,2-Dichlorobenzene

Concen: 49.314 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

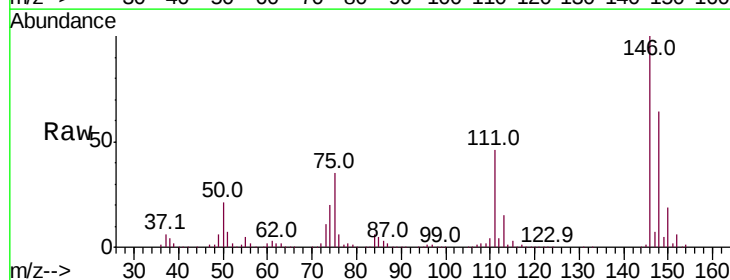
Tgt Ion:146 Resp: 637637

Ion Ratio Lower Upper

146 100

148 63.5 50.7 76.1

111 46.1 35.8 53.6



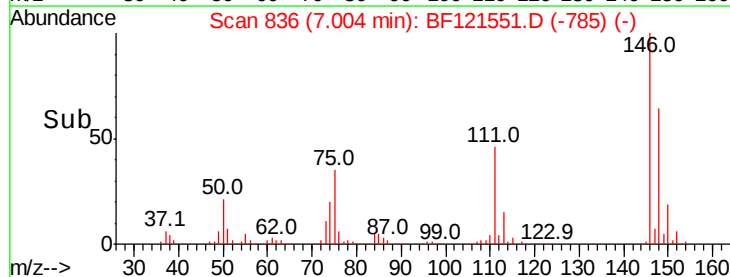
Abundance Ion 146.00 (145.70 to 146.70): E

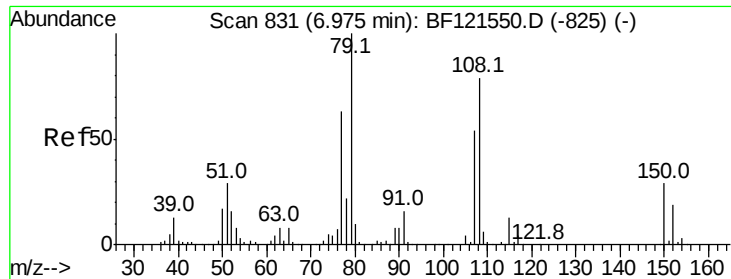
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

7.00

Time-->





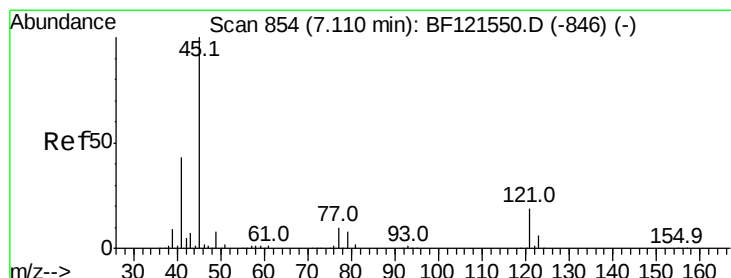
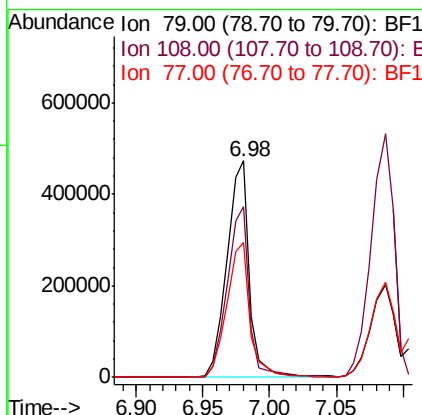
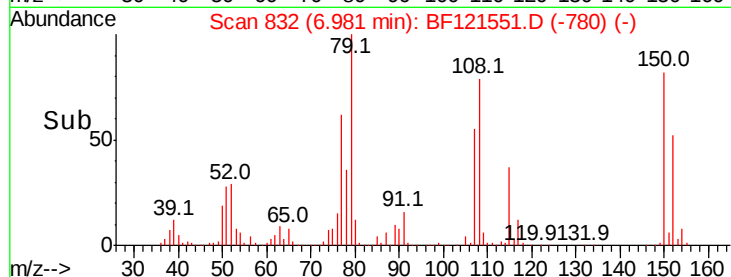
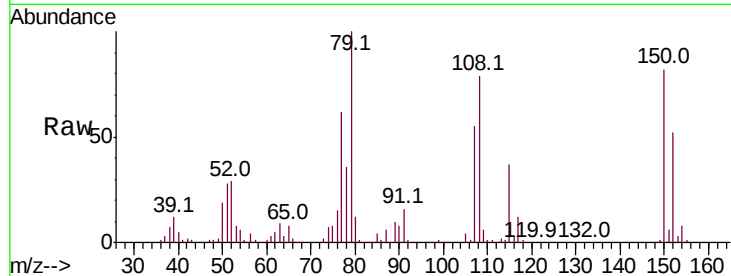
#15
Benzyl Alcohol
Concen: 54.005 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion: 79 Resp: 561671
Ion Ratio Lower Upper
79 100
108 79.0 63.1 94.7
77 62.4 50.2 75.2

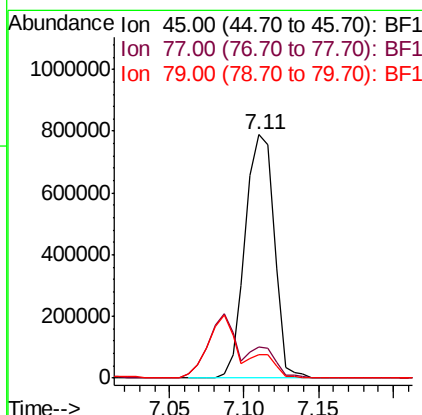
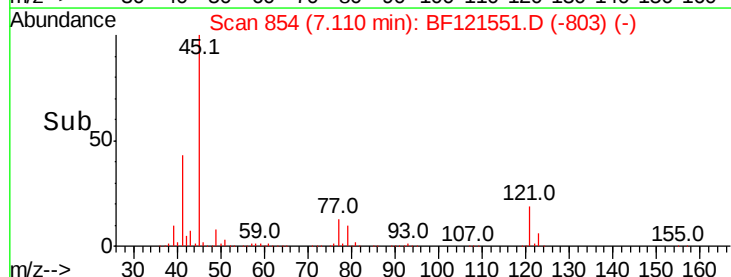
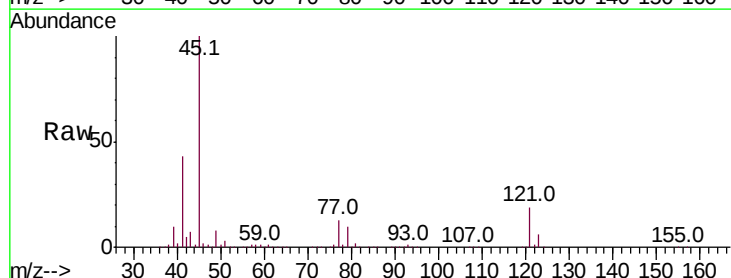
Manual Integrations
APPROVED

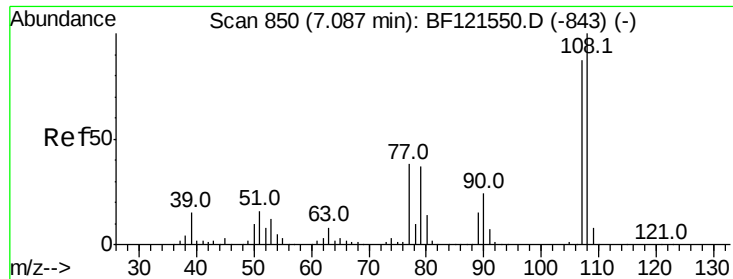
mohammad
9/11/2020 11:48:20 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.068 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion: 45 Resp: 1064736
Ion Ratio Lower Upper
45 100
77 12.7 0.0 32.5
79 9.8 0.0 29.8





#17

2-Methylphenol

Concen: 54.493 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

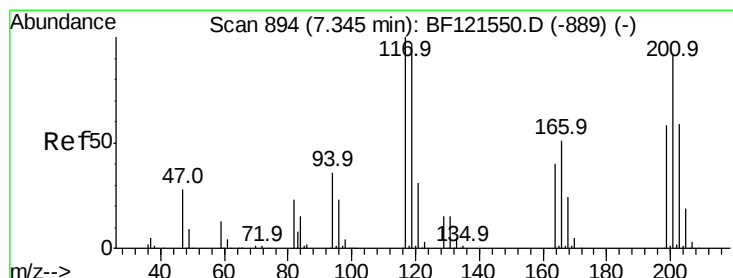
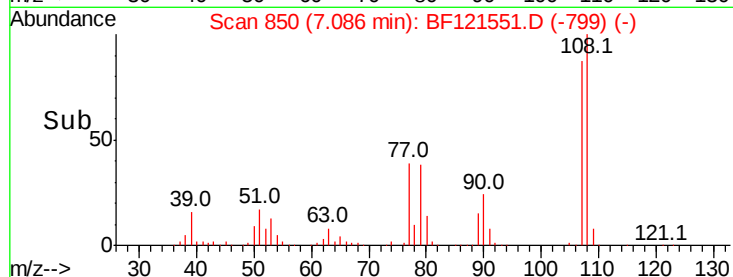
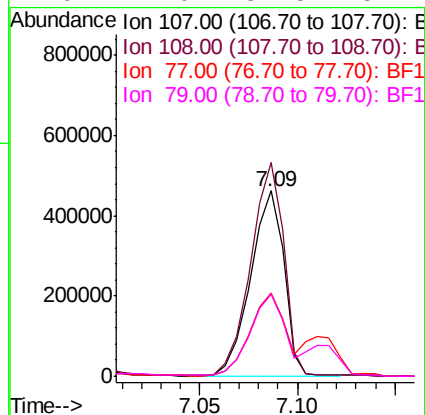
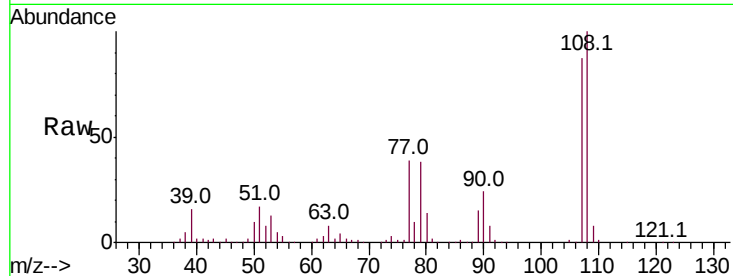
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.2	92.1	138.1	
77	45.1	35.5	53.3	
79	44.0	34.5	51.7	

Manual Integrations
APPROVED

mohammad
9/11/2020 11:48:20 AM



#18

Hexachloroethane

Concen: 54.539 ng

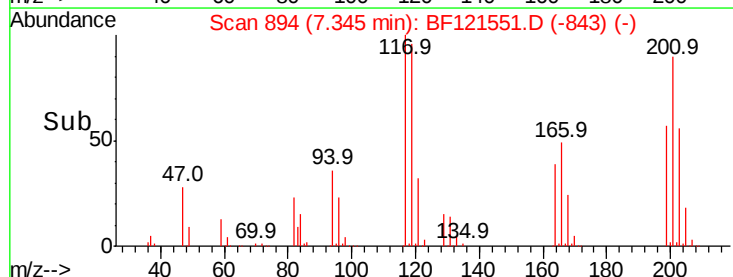
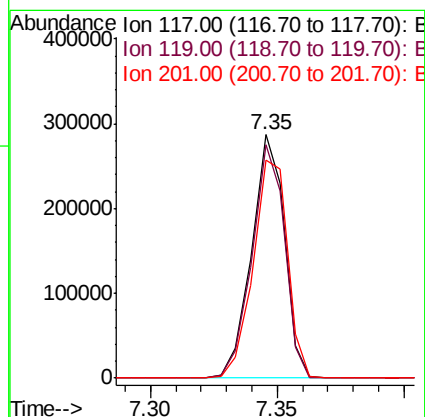
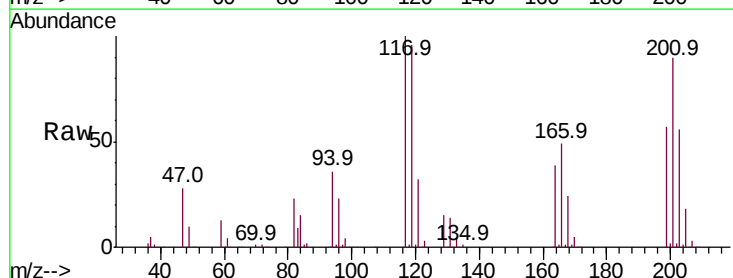
RT: 7.35 min Scan# 894

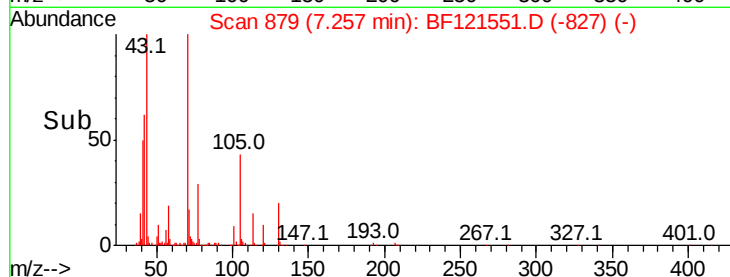
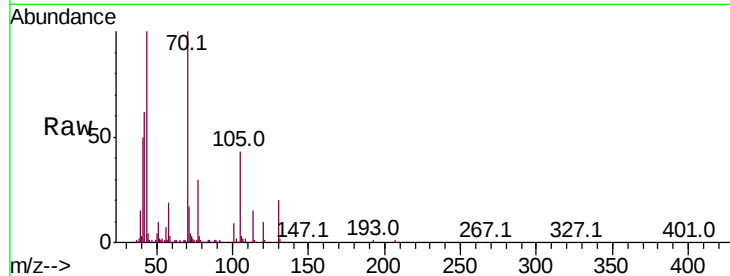
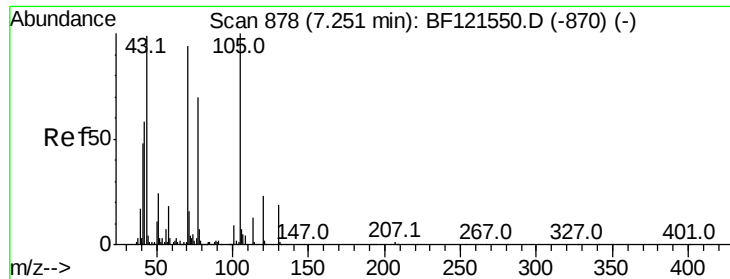
Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	77.2	115.8	
201	89.6	73.7	110.5	





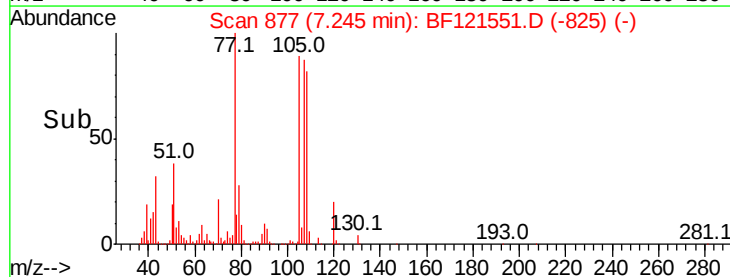
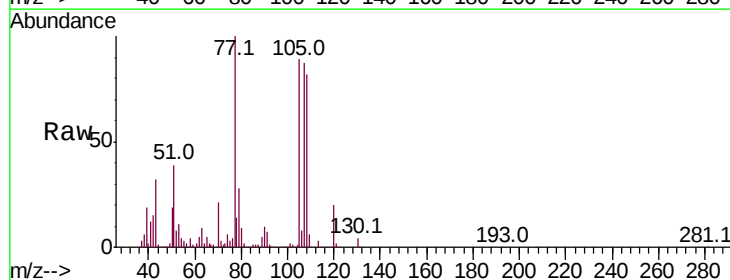
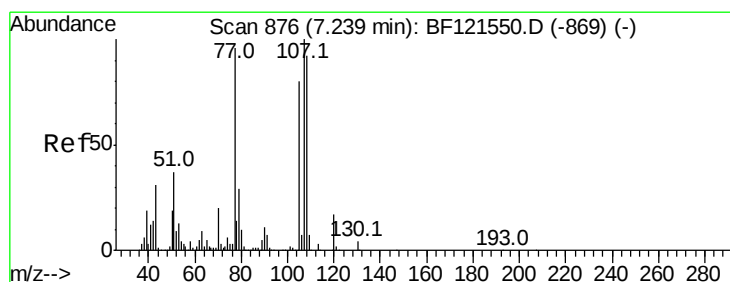
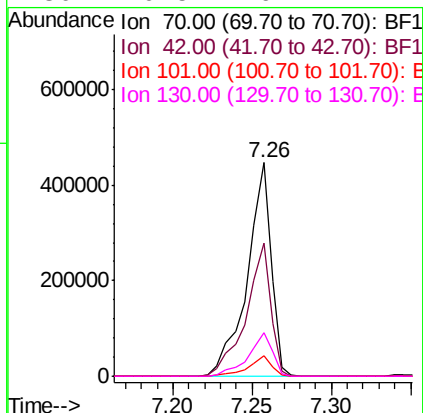
#19
n-Nitroso-di-n-propylamine
Concen: 52.844 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.2	49.4	74.2
101	9.4	7.6	11.4
130	20.5	16.2	24.4

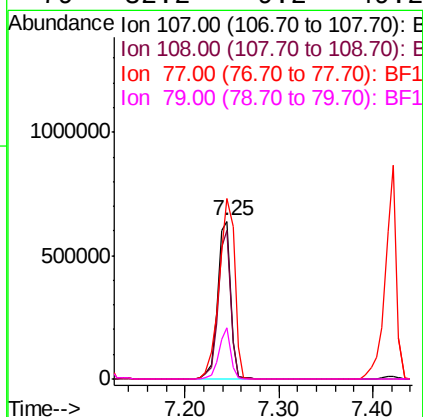
Manual Integrations
APPROVED

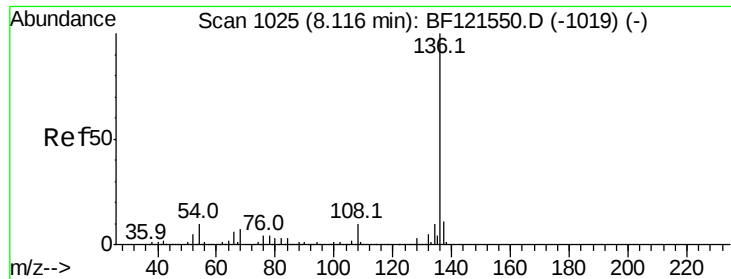
mohammad
9/11/2020 11:48:20 AM



#20
3+4-Methylphenols
Concen: 51.507 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.3	71.8	111.8
77	114.9	75.5	115.5
79	32.2	9.2	49.2





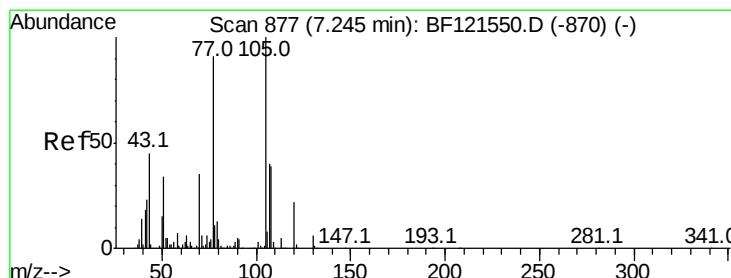
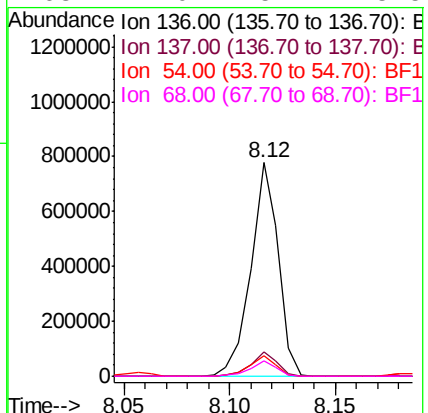
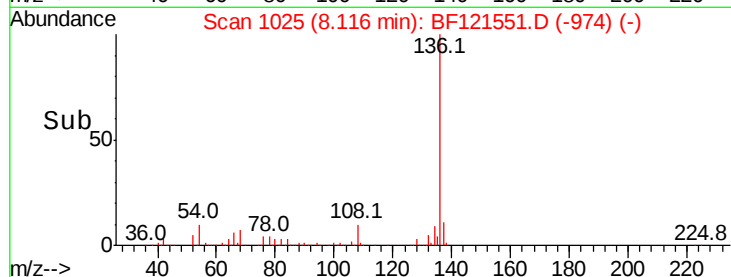
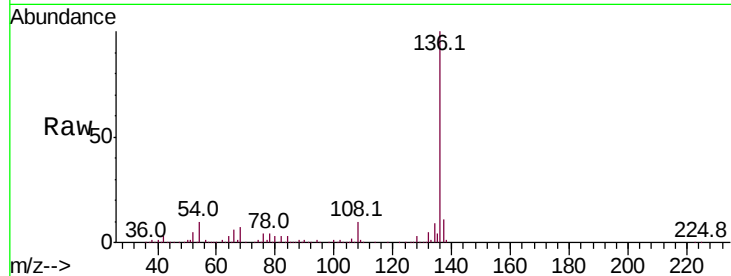
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.0	13.6	
54	9.6	7.6	11.4	
68	7.0	5.7	8.5	

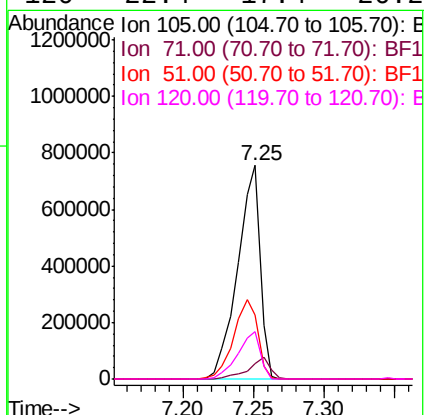
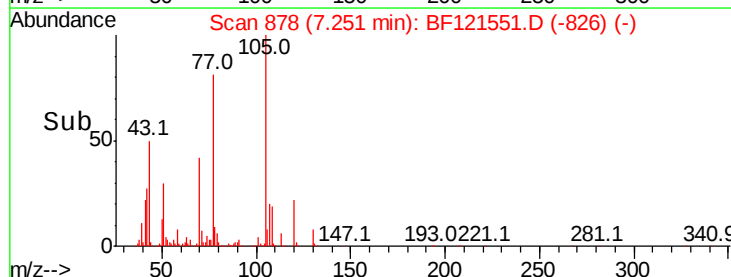
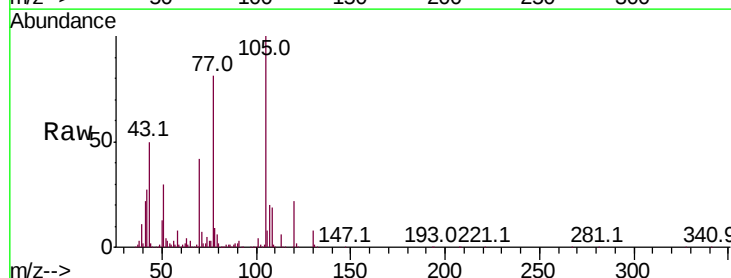
Manual Integrations
APPROVED

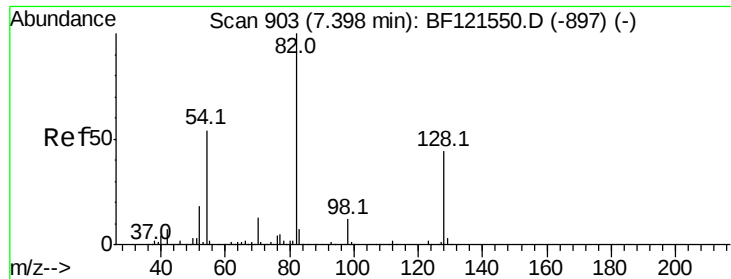
mohammad
9/11/2020 11:48:20 AM



#22
Acetophenone
Concen: 48.587 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.1	4.6	7.0#	
51	29.8	27.6	41.4	
120	22.4	17.4	26.2	





#23

Nitrobenzene-d5

Concen: 128.566 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 82 Resp: 1322106

Ion Ratio Lower Upper

82 100

128 44.3 35.1 52.7

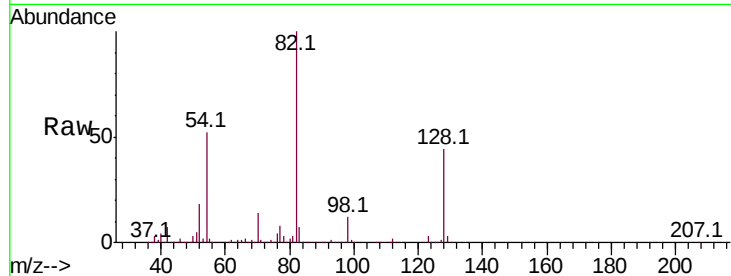
54 52.4 43.0 64.6

Manual Integrations

APPROVED

mohammad

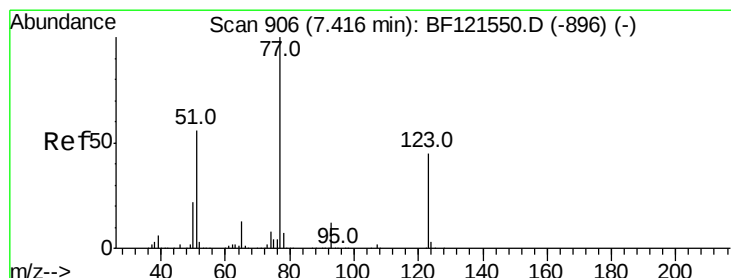
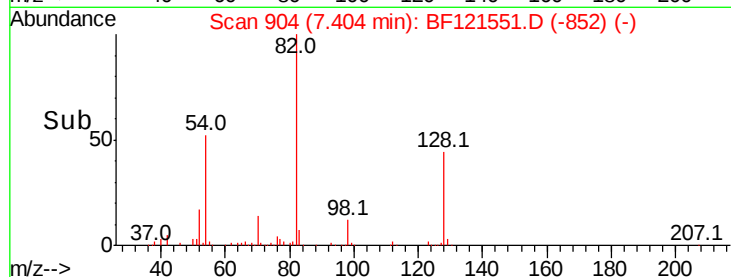
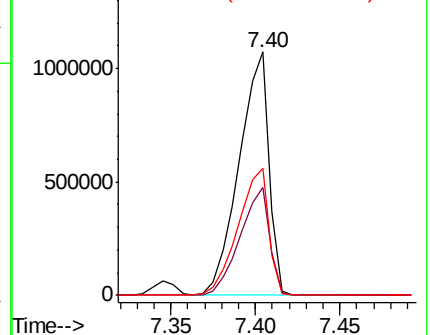
9/11/2020 11:48:20 AM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 68.309 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

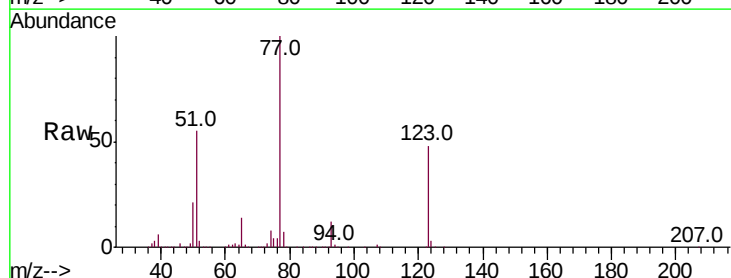
Tgt Ion: 77 Resp: 704125

Ion Ratio Lower Upper

77 100

123 48.2 35.8 53.8

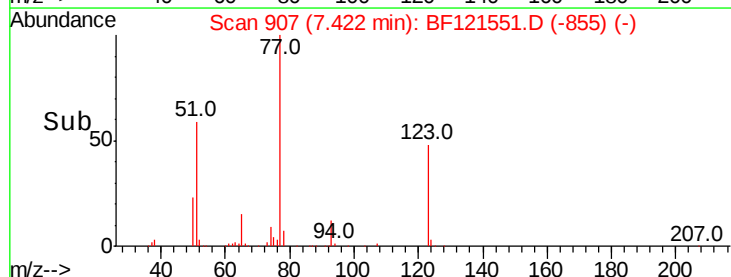
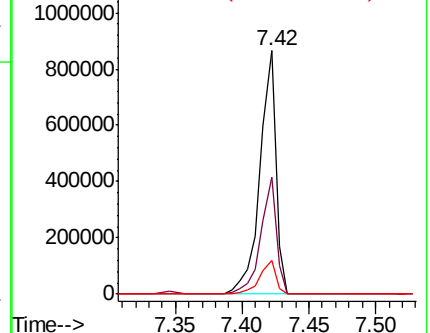
65 13.7 10.7 16.1

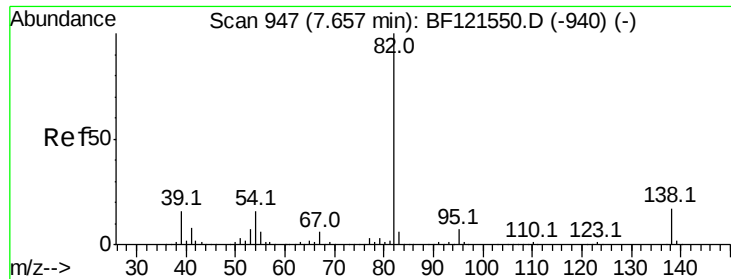


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 56.808 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 82 Resp: 1313974

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

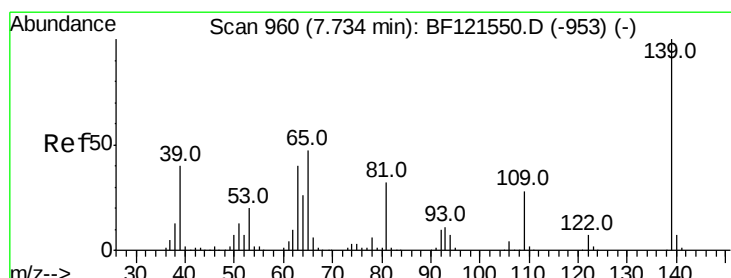
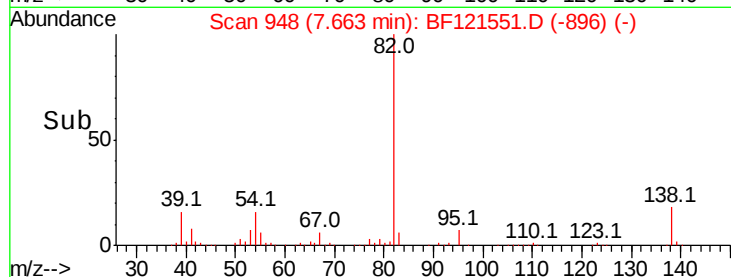
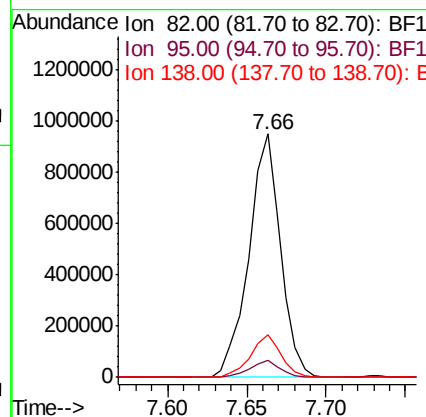
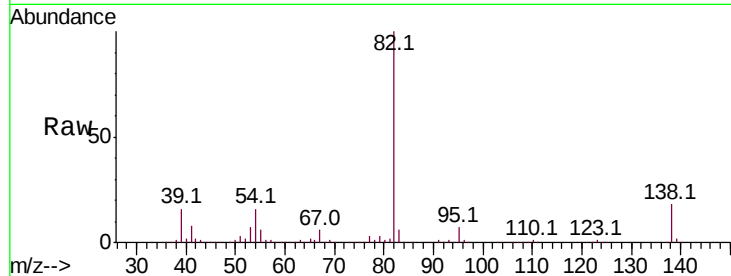
138 17.5 13.7 20.5

Manual Integrations

APPROVED

mohammad

9/11/2020 11:48:20 AM



#26

2-Nitrophenol

Concen: 94.985 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

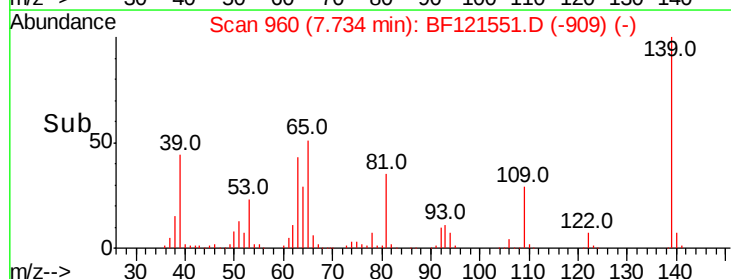
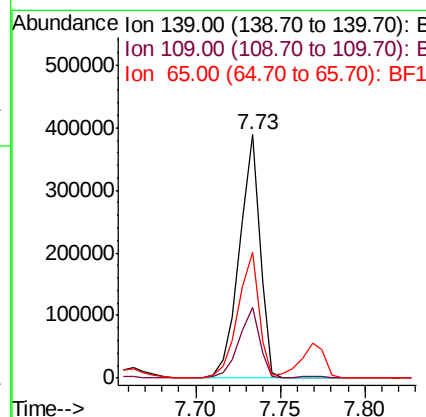
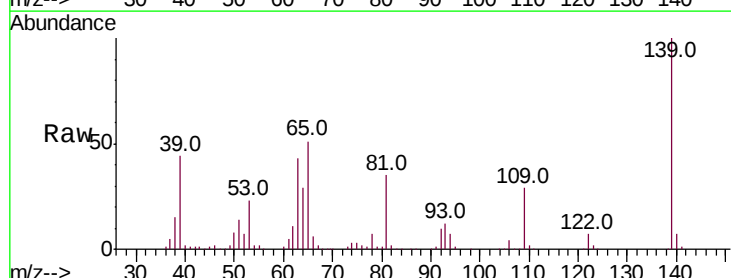
Tgt Ion: 139 Resp: 331012

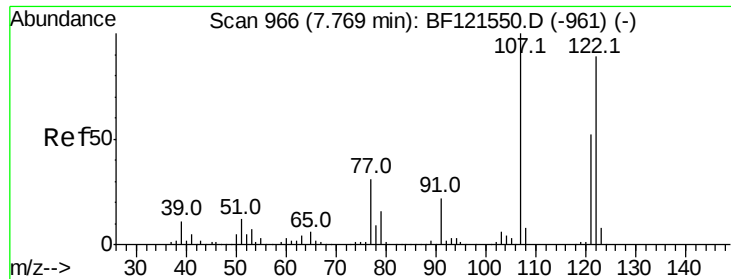
Ion Ratio Lower Upper

139 100

109 29.2 22.4 33.6

65 51.4 37.6 56.4





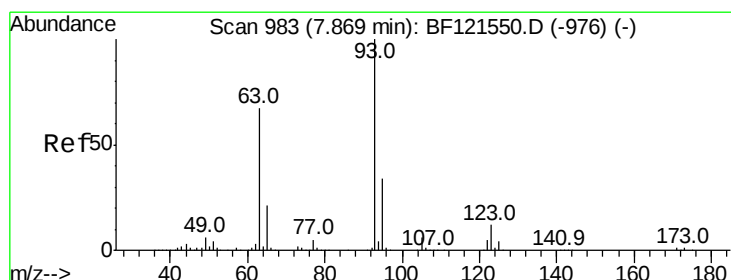
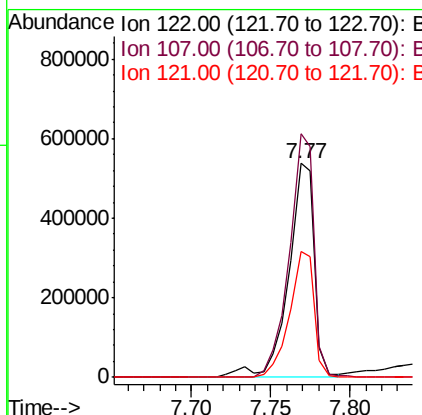
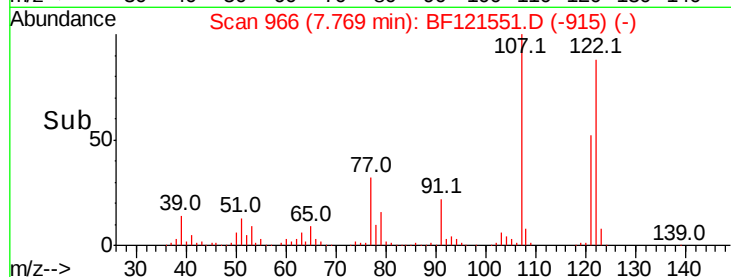
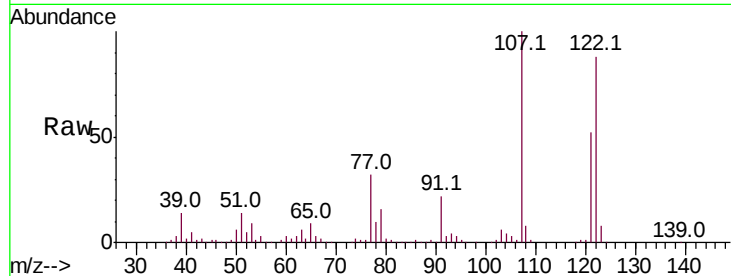
#27
2,4-Dimethylphenol
Concen: 62.993 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	89.5	134.3
121	59.1	46.6	70.0

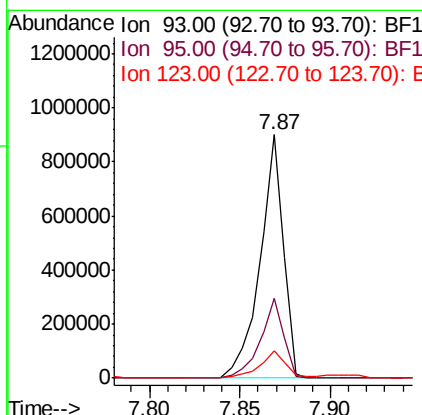
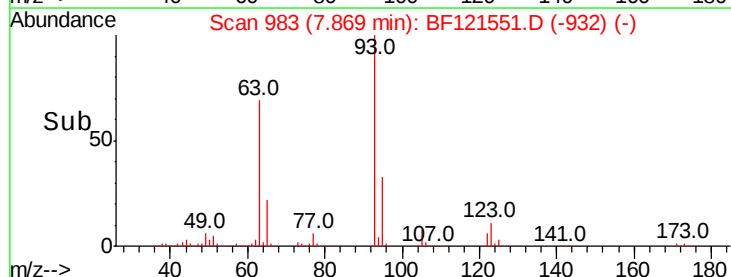
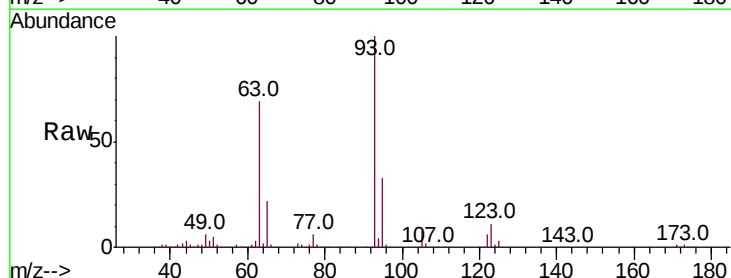
Manual Integrations
APPROVED

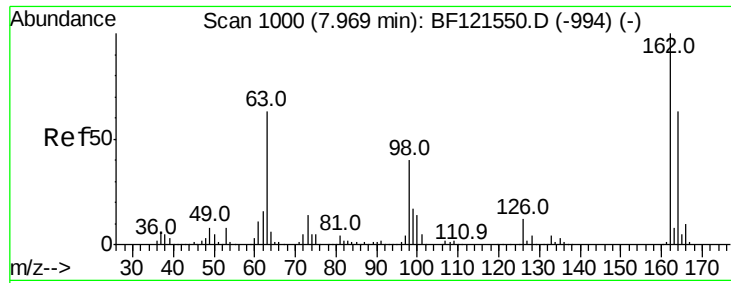
mohammad
9/11/2020 11:48:20 AM



#28
bis(2-Chloroethoxy)methane
Concen: 51.406 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.8	40.2
123	11.4	9.7	14.5





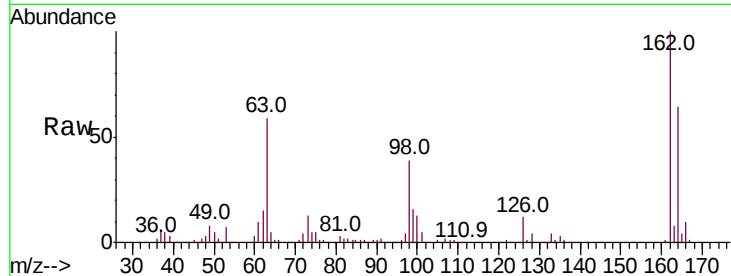
#29
2,4-Dichlorophenol
Concen: 56.669 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.8	43.5	83.5
98	38.5	20.2	60.2

Manual Integrations
APPROVED

mohammad
9/11/2020 11:48:20 AM

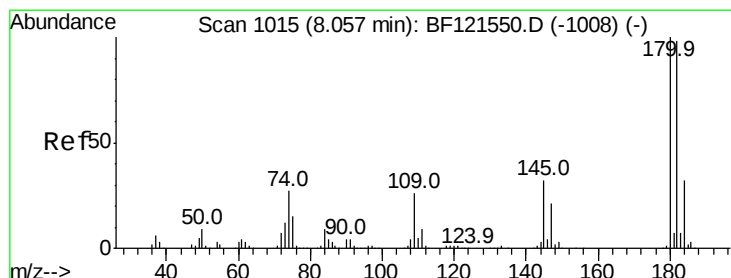
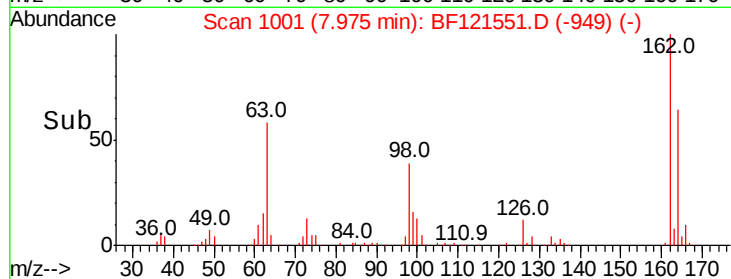
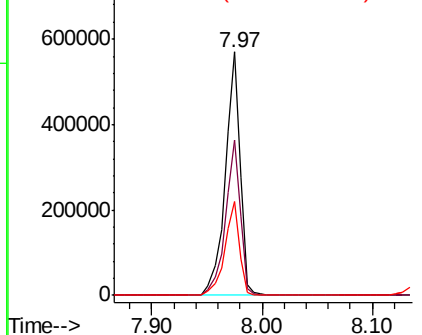


Abundance

Ion 162.00 (161.70 to 162.70): E

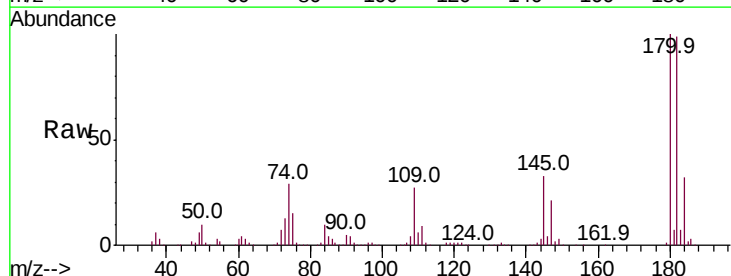
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 47.794 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	99.3	78.7	118.1
145	33.3	26.0	39.0

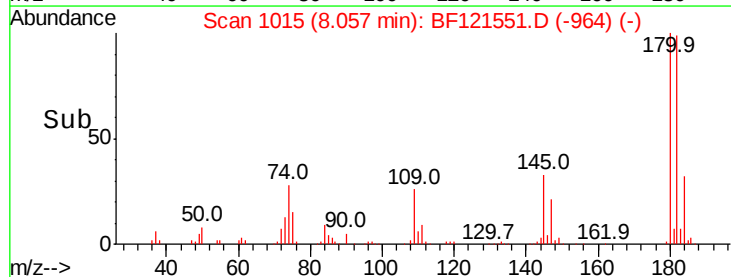
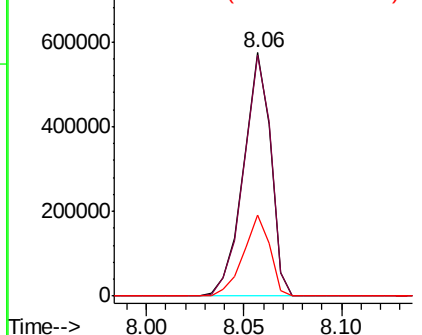


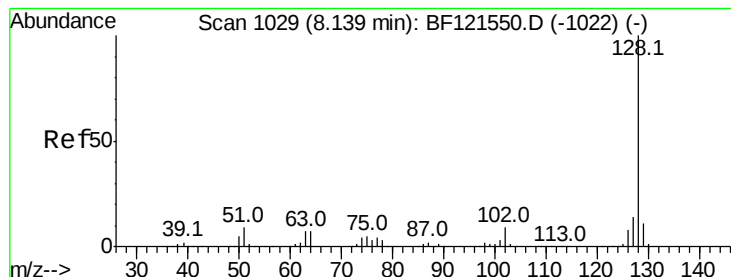
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 50.829 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:128 Resp: 1774085

Ion Ratio Lower Upper

128 100

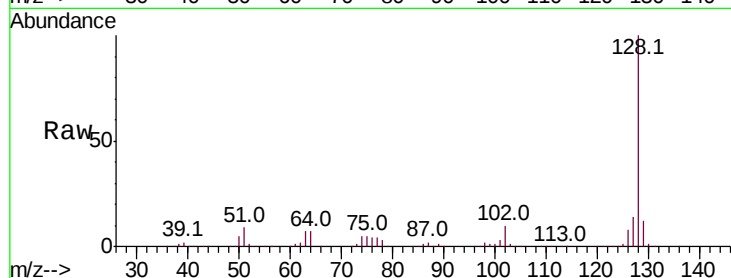
129 11.7 9.1 13.7

127 14.0 11.0 16.6

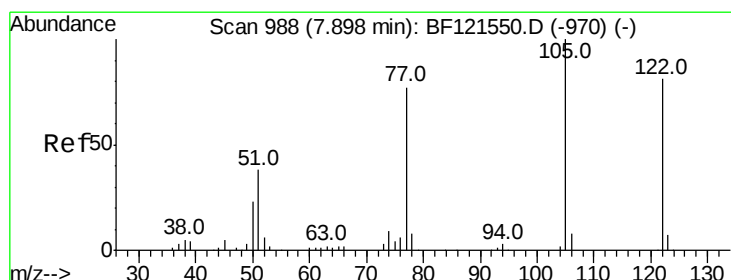
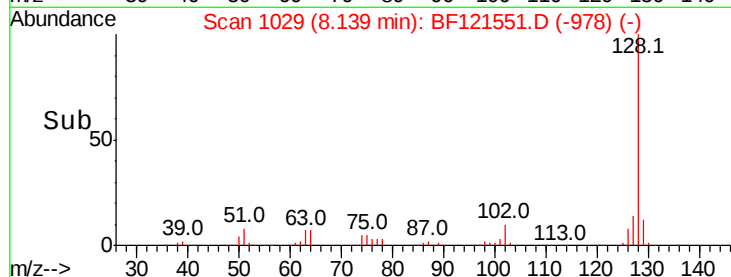
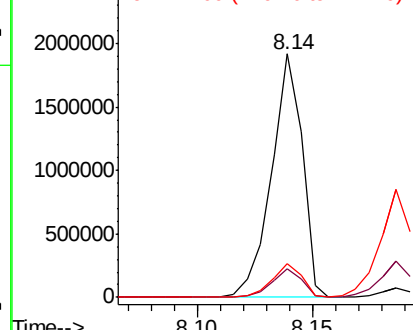
Manual Integrations
APPROVED

mohammad

9/11/2020 11:48:20 AM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 83.356 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

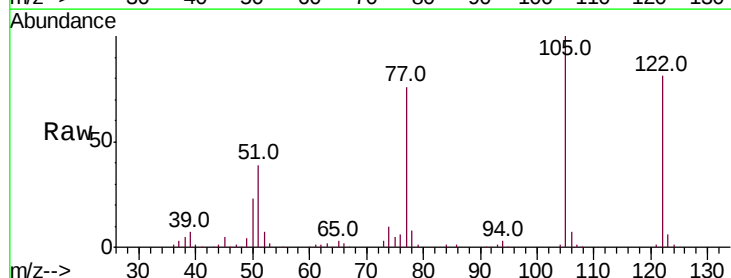
Tgt Ion:122 Resp: 442153

Ion Ratio Lower Upper

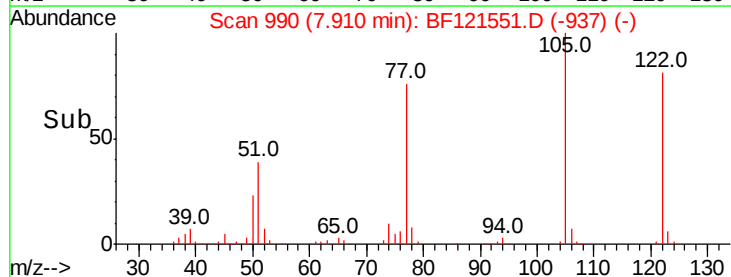
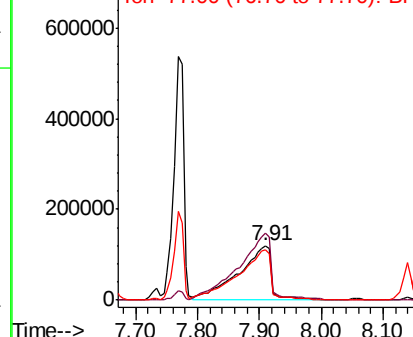
122 100

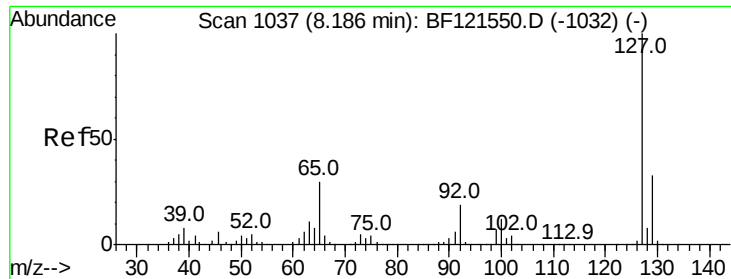
105 124.1 100.5 140.5

77 93.7 72.6 112.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





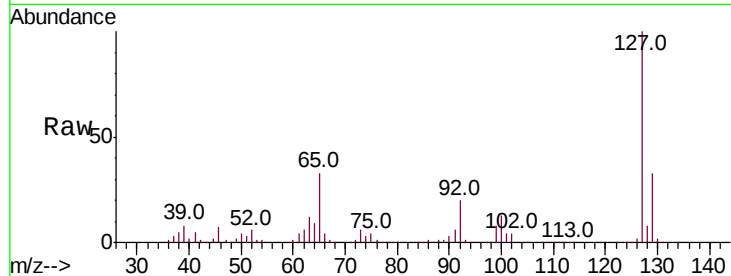
#33
4-Chloroaniline
Concen: 50.885 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
127	100	791032		
129	33.0		26.4	39.6
65	32.8		24.4	36.6
92	20.0		15.4	23.2

Manual Integrations
APPROVED

mohammad
9/11/2020 11:48:20 AM



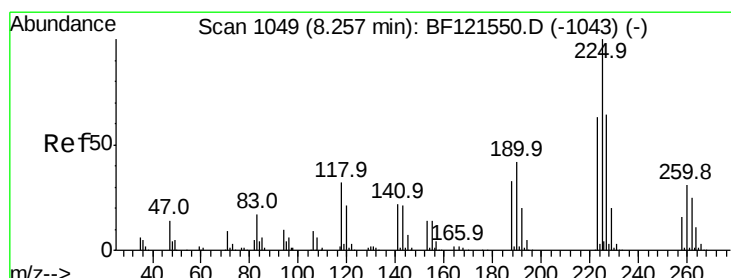
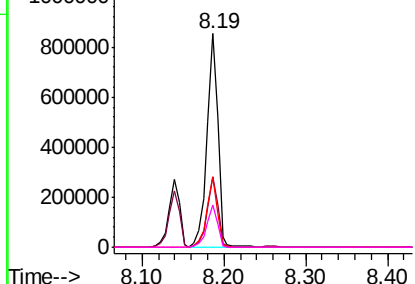
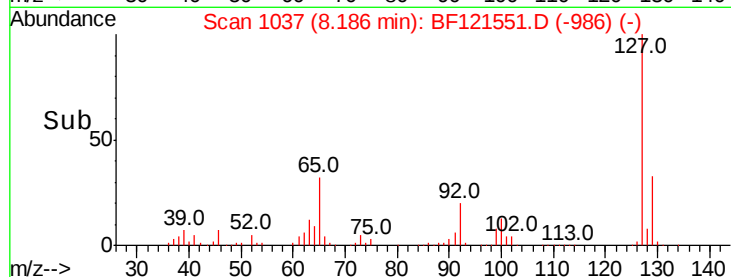
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

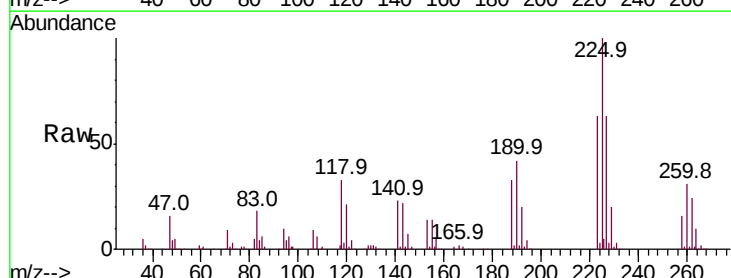
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 47.658 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	328860		
223	63.5		50.2	75.2
227	63.0		51.0	76.4

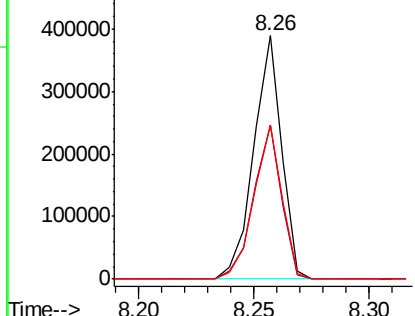
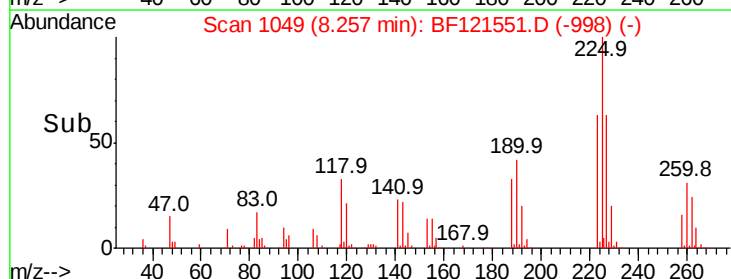


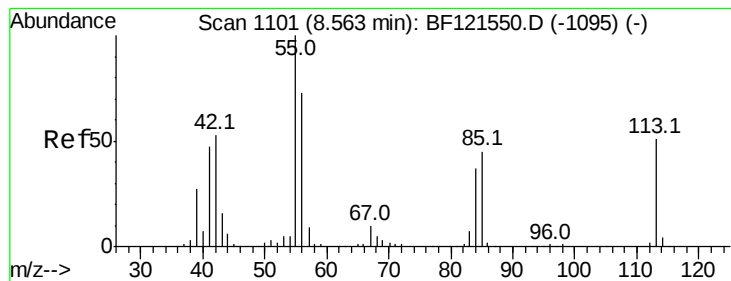
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 58.266 ng/mL

RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

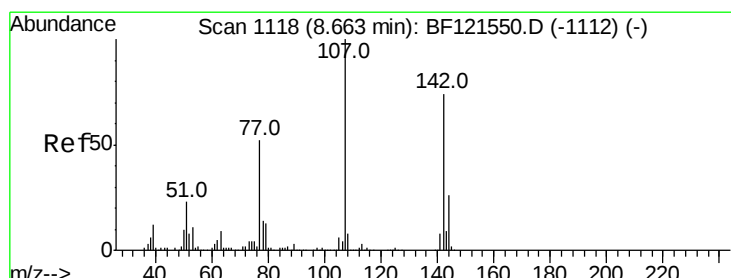
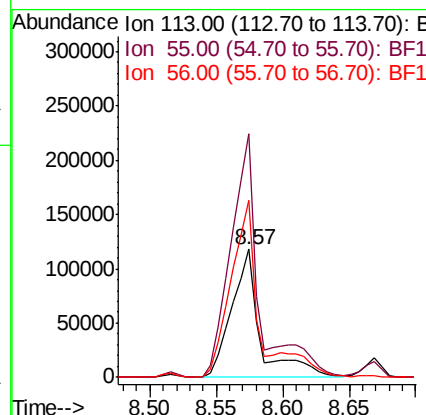
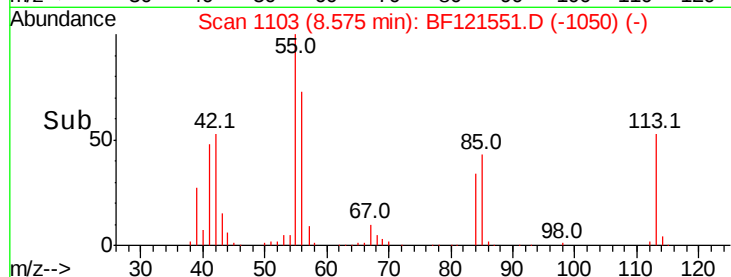
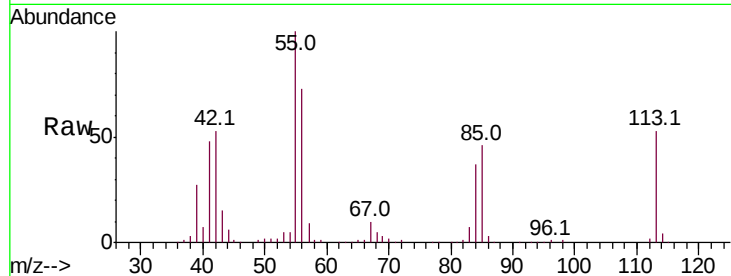
ClientSampleID :

SSTDIC050

Tot Ion	Ratio	Lower	Upper
113	100		
55	190.1	176.2	216.2
56	137.9	123.9	163.9

Manual Integrations
APPROVED

mohammad
9/11/2020 11:48:20 AM



#36

4-Chloro-3-methylphenol

Concen: 57.421 ng/mL

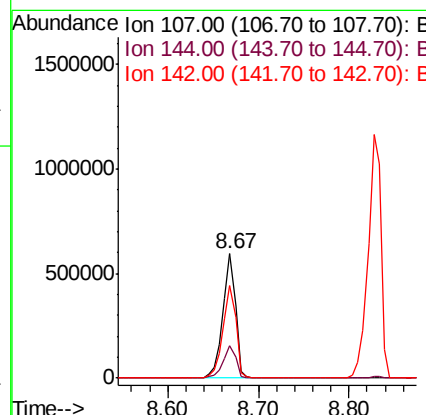
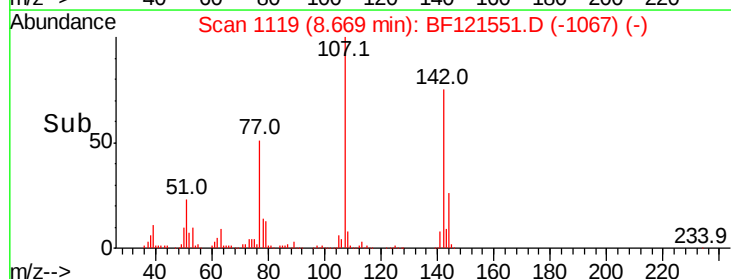
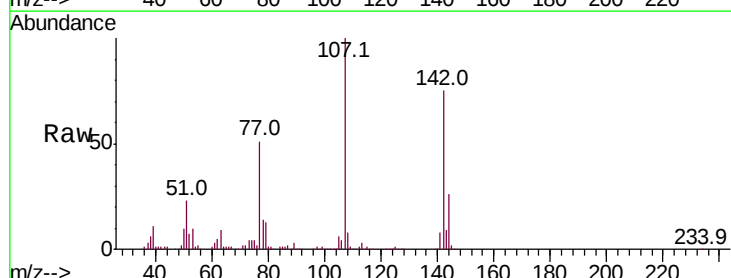
RT: 8.67 min Scan# 1119

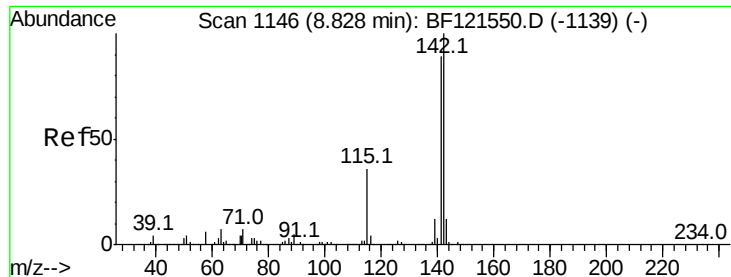
Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.5	30.7
142	75.0	59.5	89.3





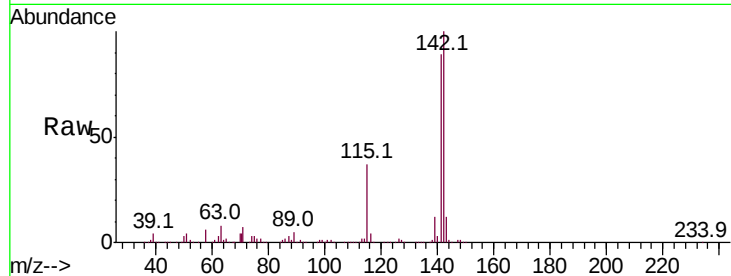
#37
2-Methylnaphthalene
Concen: 50.365 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.5	107.3
115	36.7	28.7	43.1

Manual Integrations
APPROVED

mohammad
9/11/2020 11:48:20 AM

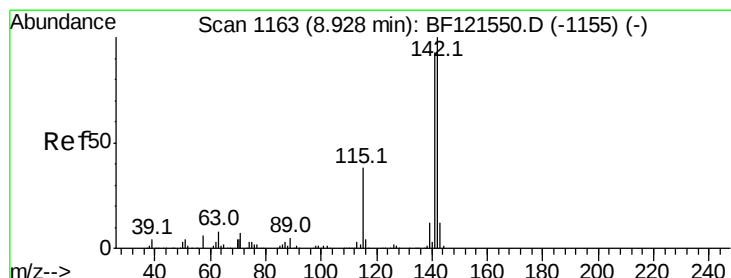
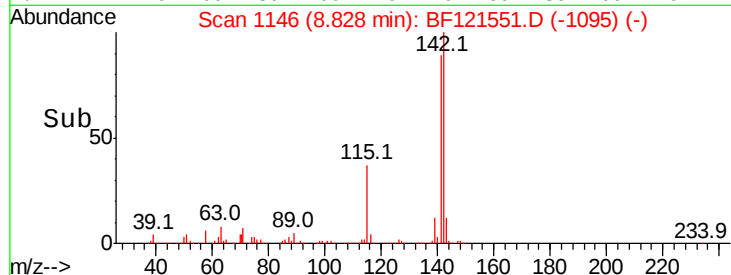
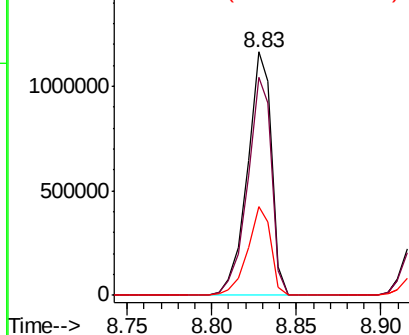


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 49.807 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

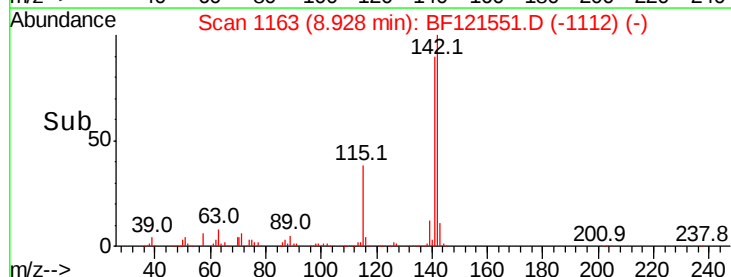
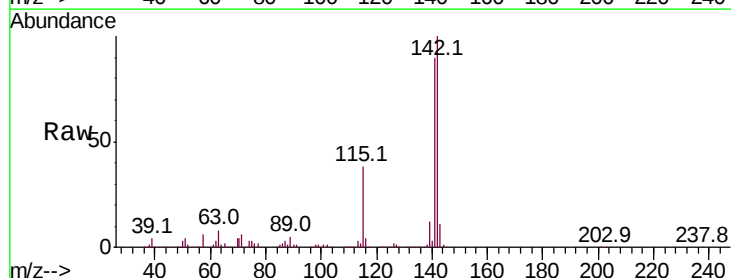
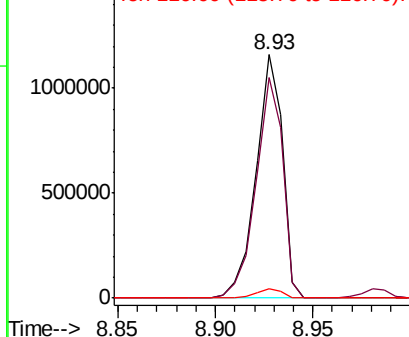
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	74.8	112.2
116	3.9	3.0	4.6

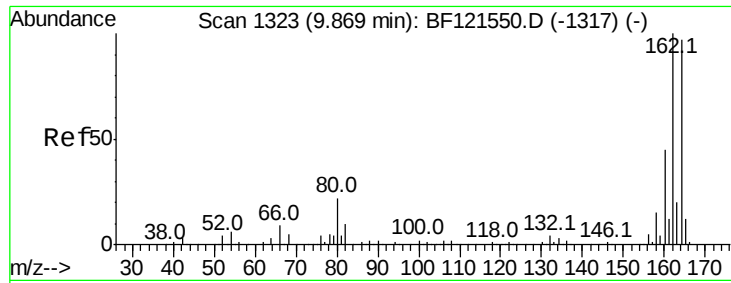
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





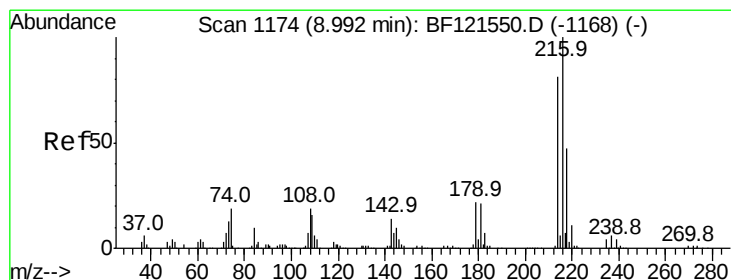
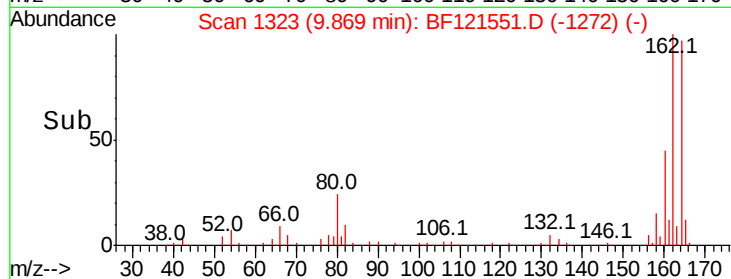
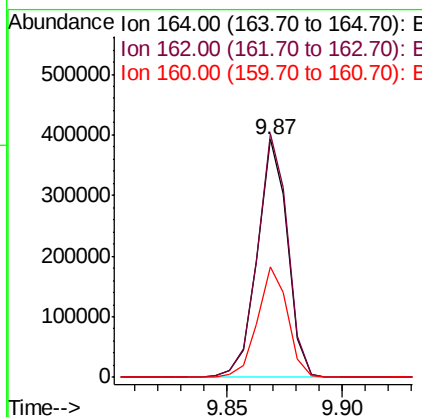
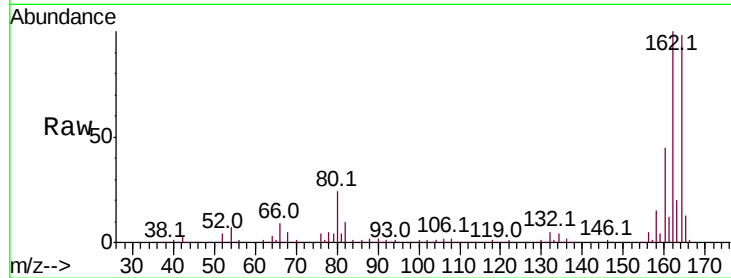
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.3	123.5
160	46.2	37.0	55.4

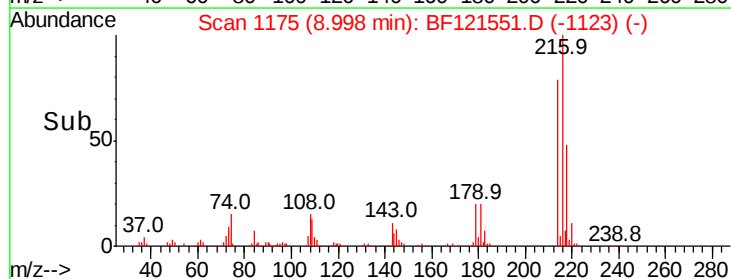
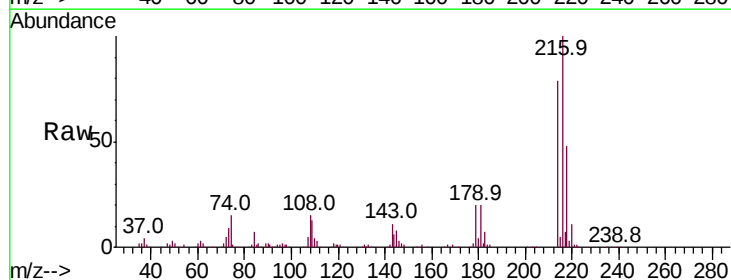
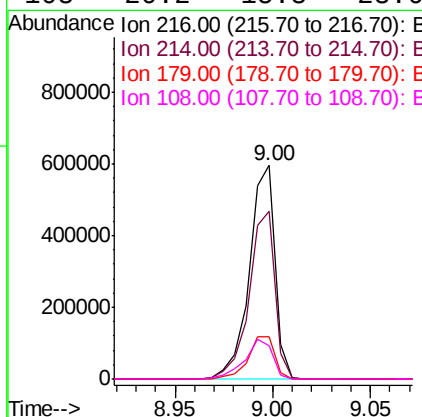
Manual Integrations
APPROVED

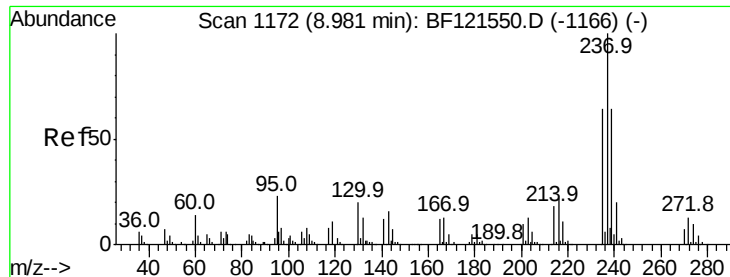
mohammad
9/11/2020 11:48:20 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.169 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.8	95.8
179	20.9	16.6	25.0
108	20.2	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 77.110 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

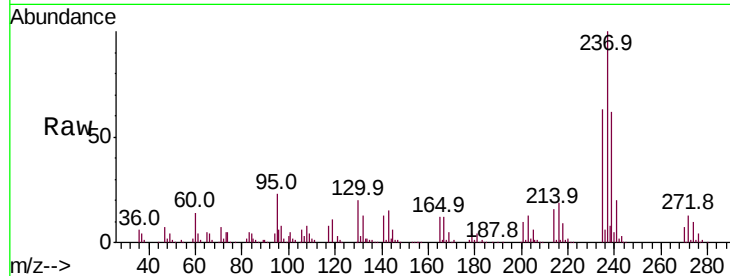
ClientSampleId :

SSTDICC050

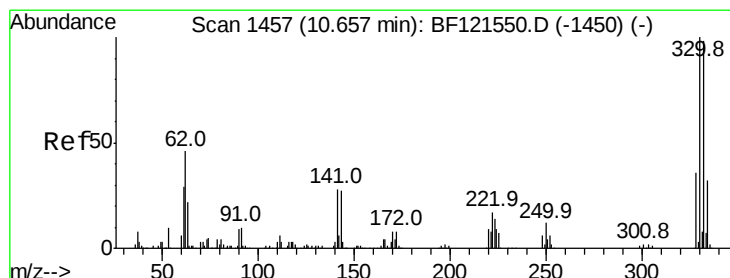
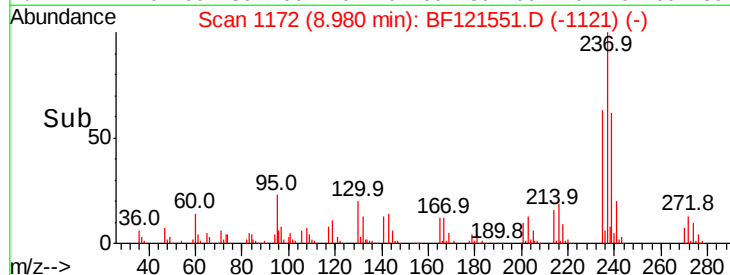
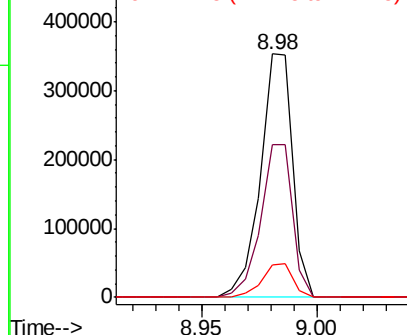
Tot Ion:	237	Resp:	343390
Ion Ratio	Lower	Upper	
237	100		
235	63.0	44.0	84.0
272	13.2	0.0	33.4

Manual Integrations
APPROVED

mohammad
9/11/2020 11:48:20 AM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 126.366 ng

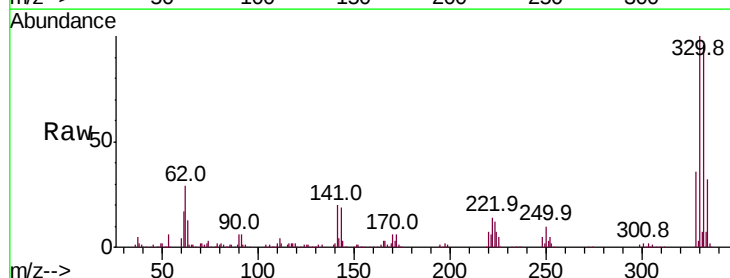
RT: 10.66 min Scan# 1458

Delta R.T. 0.01 min

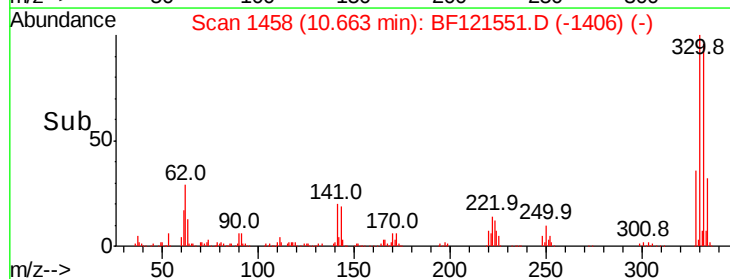
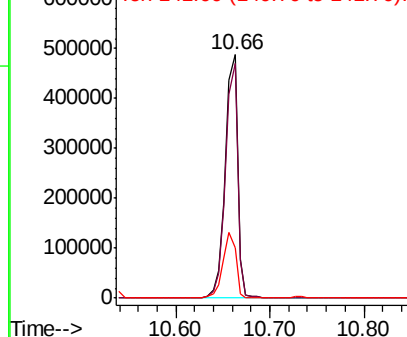
Lab File: BF121551.D

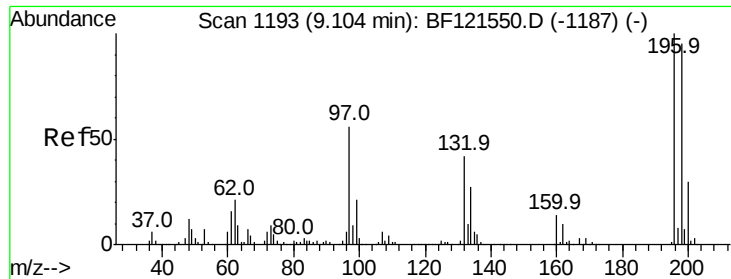
Acq: 10 Sep 2020 14:39

Tgt Ion:	330	Resp:	455973
Ion Ratio	Lower	Upper	
330	100		
332	95.1	77.1	115.7
141	28.2	23.6	35.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





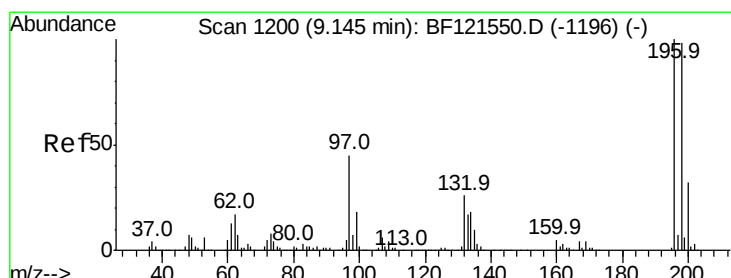
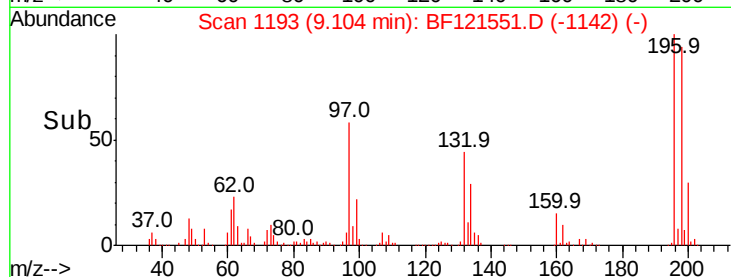
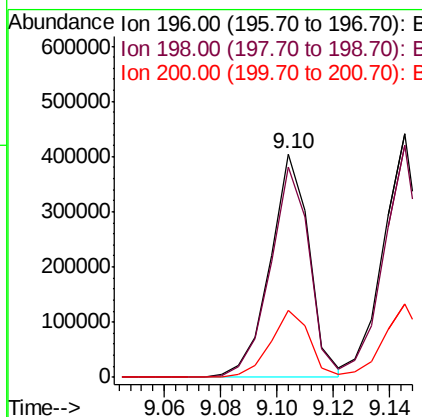
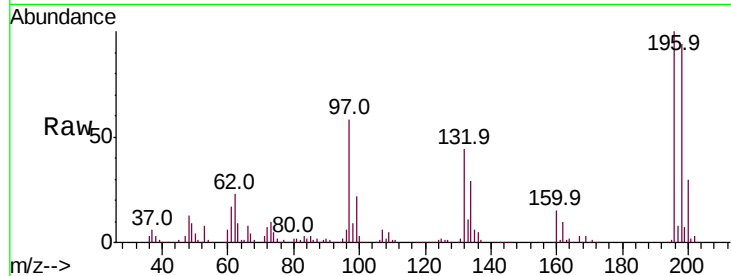
#43
 2,4,6-Trichlorophenol
 Concen: 57.823 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	387028		
198	94.3	75.6	113.4	
200	30.1	24.0	36.0	

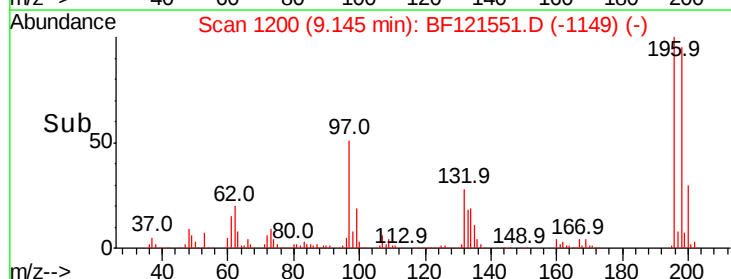
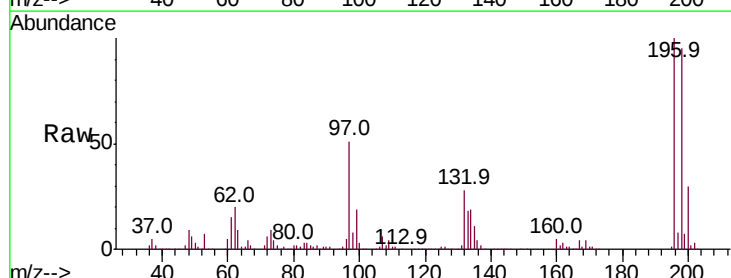
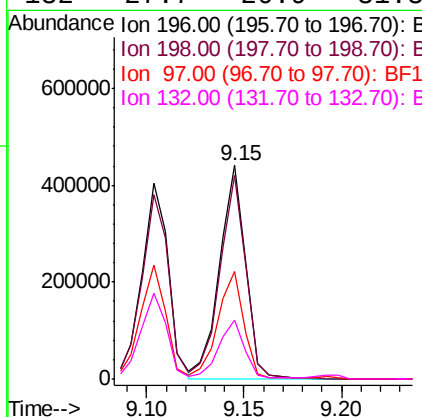
Manual Integrations
 APPROVED

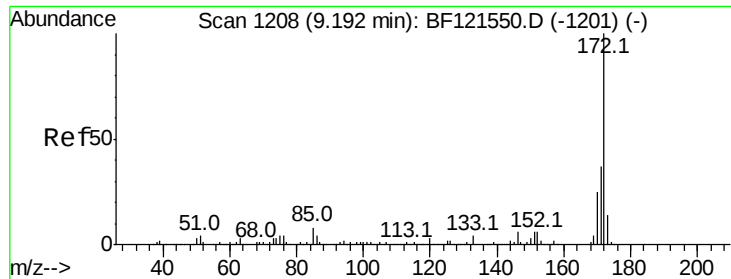
mohammad
 9/11/2020 11:48:20 AM



#44
 2,4,5-Trichlorophenol
 Concen: 61.390 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	406324		
198	95.5	78.1	117.1	
97	50.6	36.8	55.2	
132	27.7	20.9	31.3	





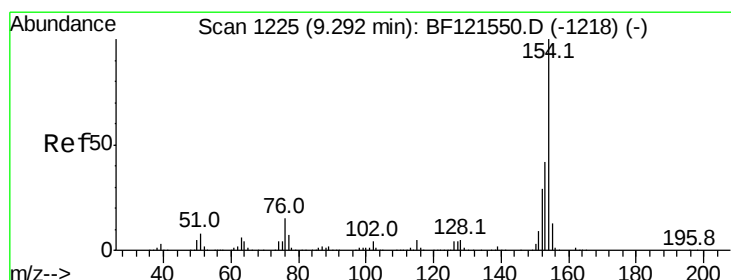
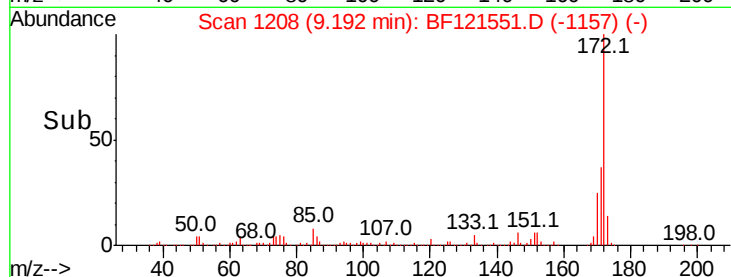
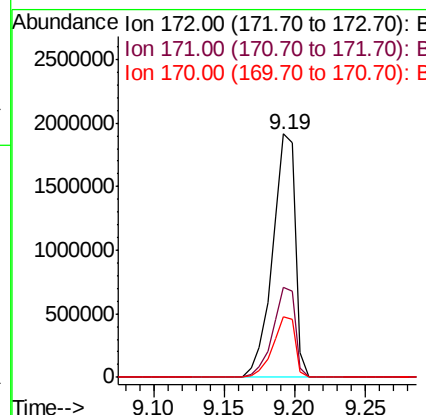
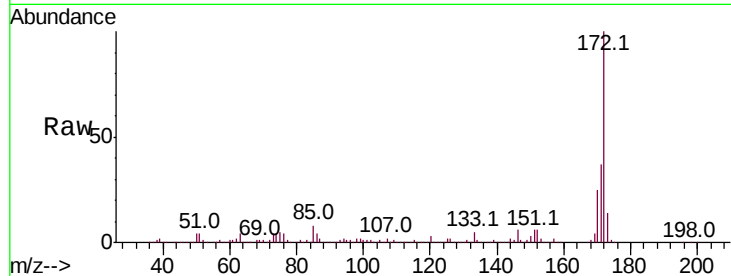
#45
2-Fluorobiphenyl
Concen: 97.604 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.8	44.6
170	24.7	19.8	29.8

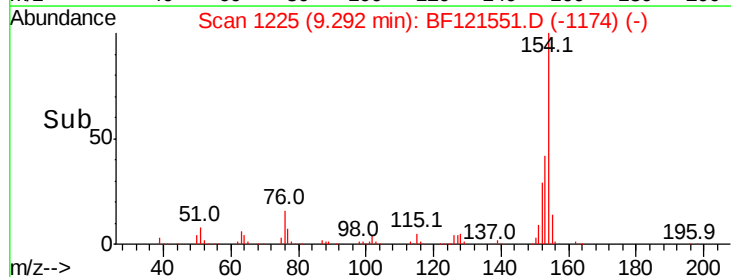
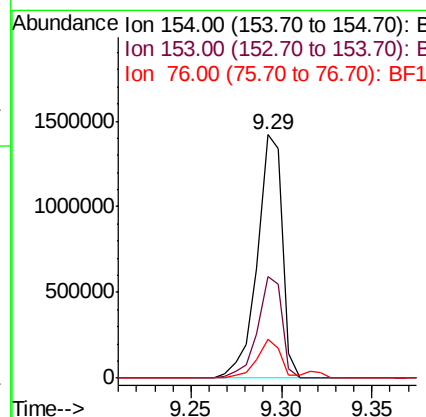
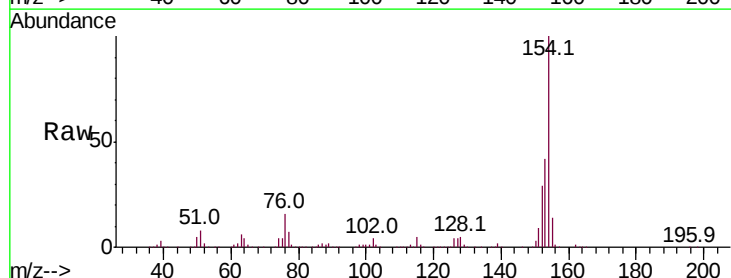
Manual Integrations
APPROVED

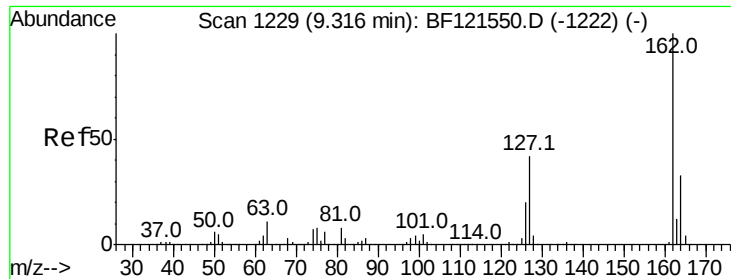
mohammad
9/11/2020 11:48:20 AM



#46
1,1'-Biphenyl
Concen: 50.444 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.7	61.7
76	15.7	0.0	35.5





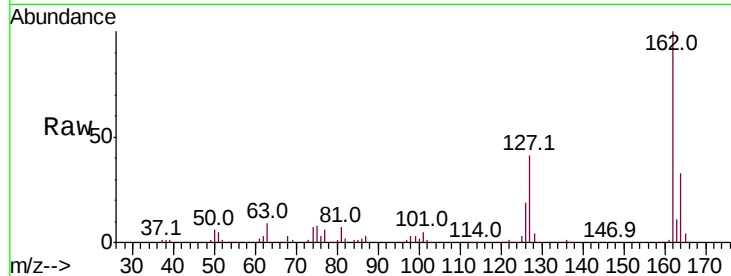
#47
2-Chloronaphthalene
Concen: 49.091 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

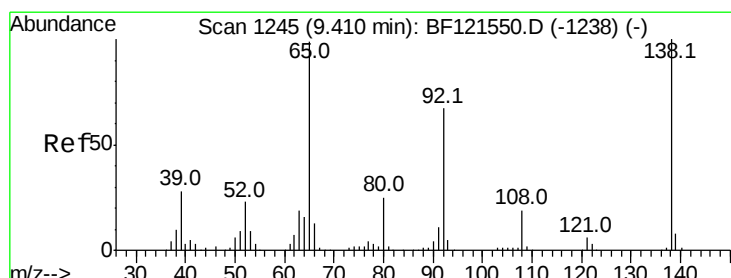
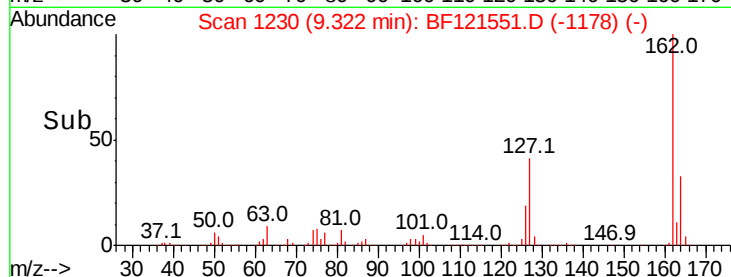
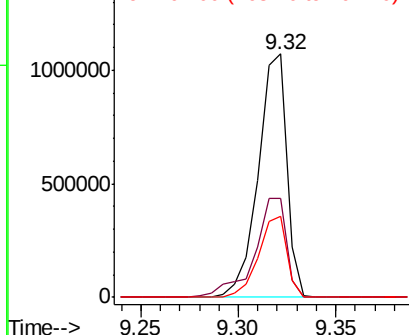
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	33.9	50.9
164	33.4	26.7	40.1

Manual Integrations
APPROVED

mohammad
9/11/2020 11:48:20 AM

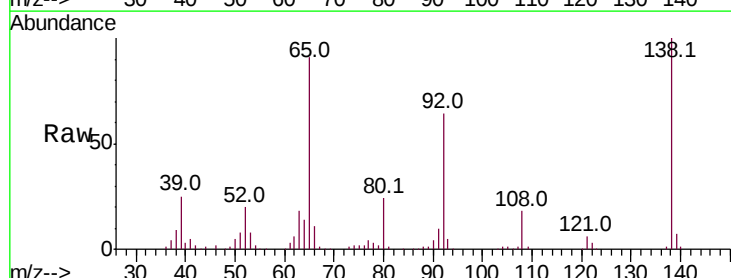


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

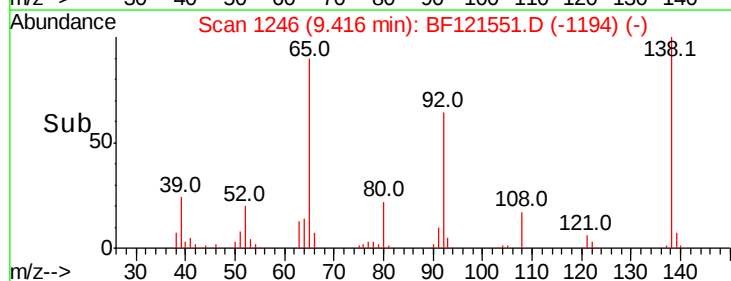
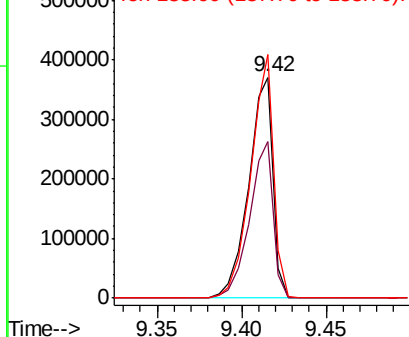


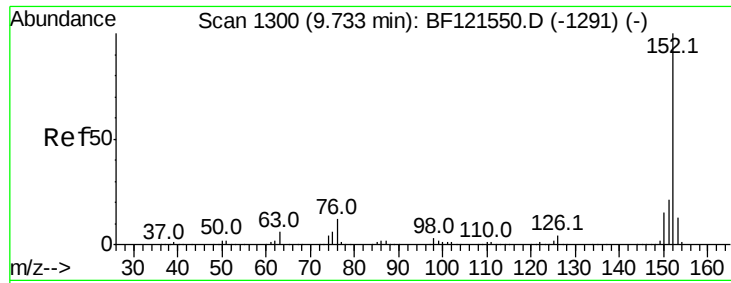
#48
2-Nitroaniline
Concen: 77.665 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.8	54.2	81.4
138	110.3	80.8	121.2



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





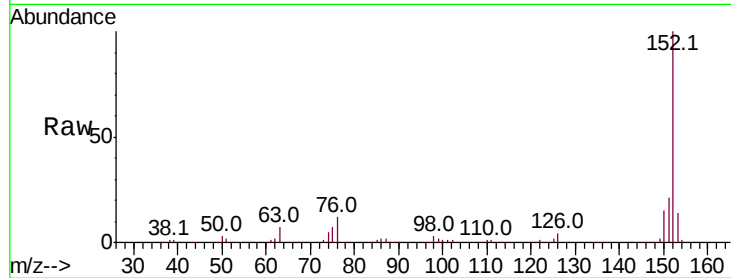
#49
Acenaphthylene
Concen: 49.937 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

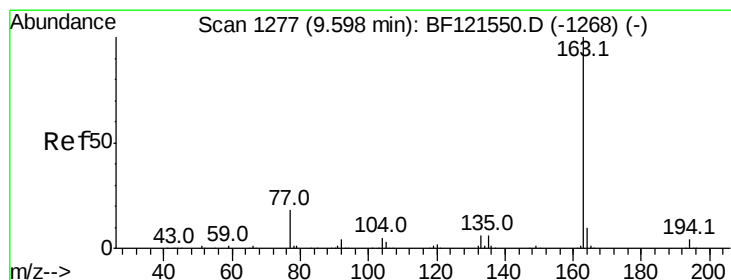
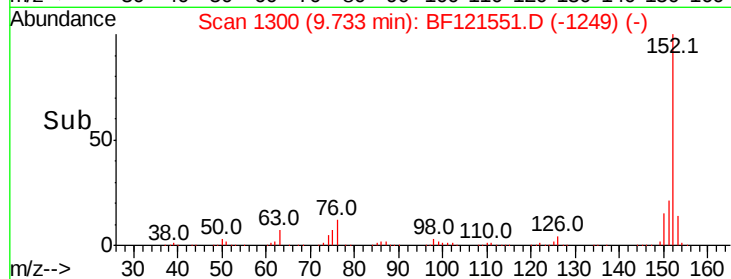
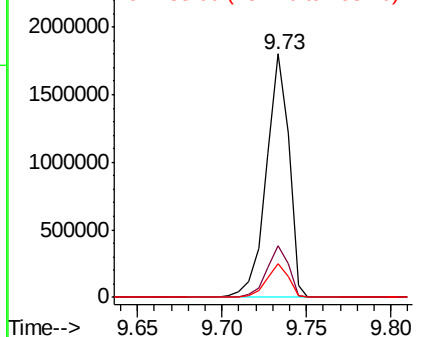
Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.6	24.8
153	14.0	10.7	16.1

Manual Integrations
APPROVED

mohammad
9/11/2020 11:48:20 AM

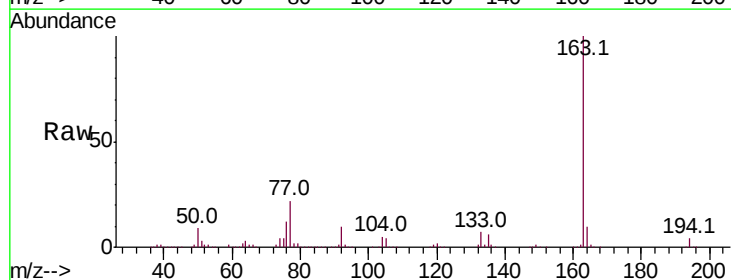


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

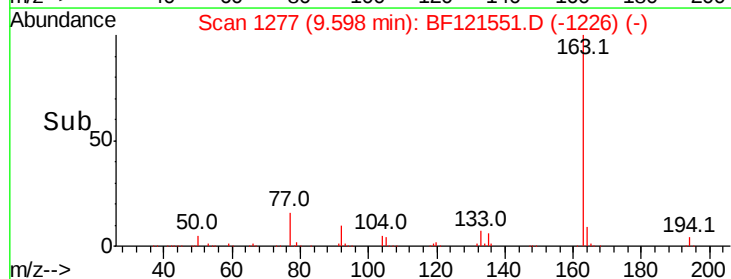
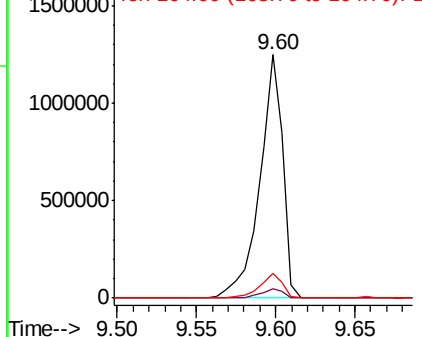


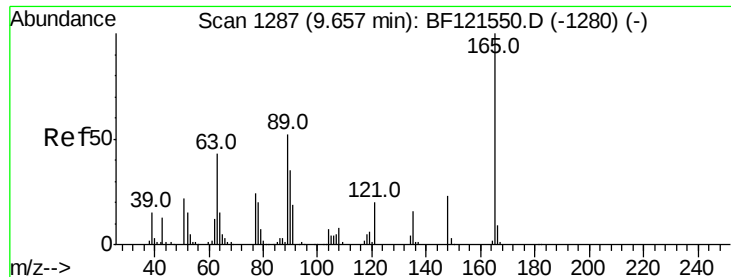
#50
Dimethylphthalate
Concen: 51.444 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.4	7.9	11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





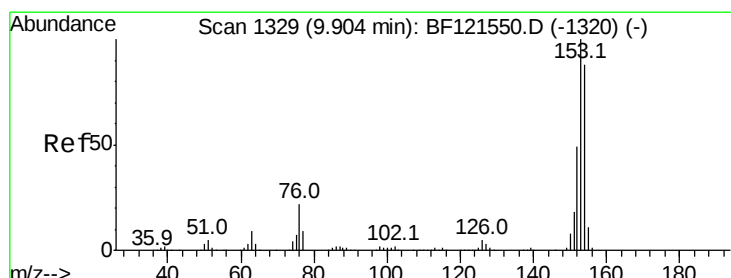
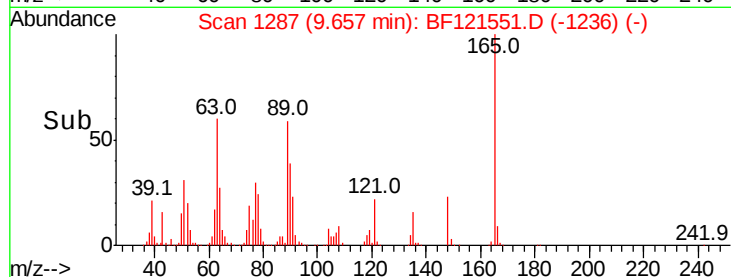
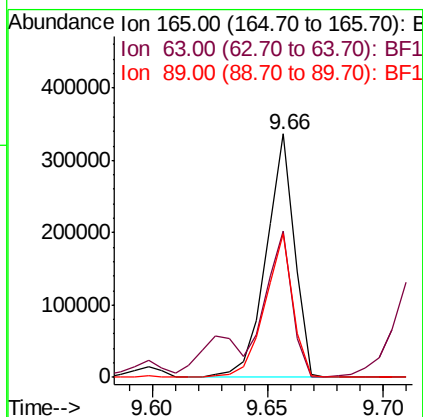
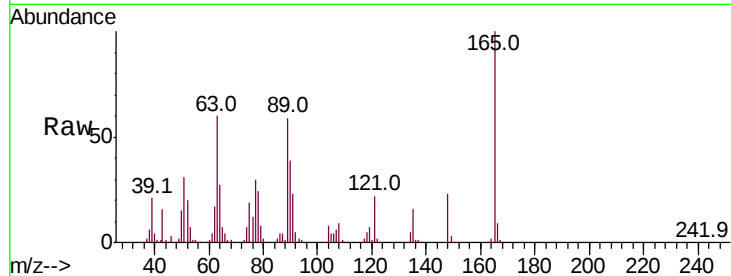
#51
2,6-Dinitrotoluene
Concen: 79.938 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
165	100	286309		
63	60.1		40.6	61.0
89	59.1		41.8	62.8

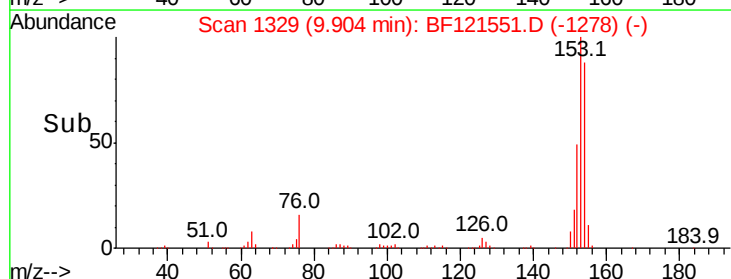
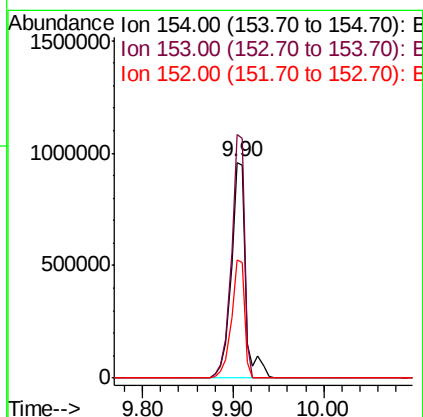
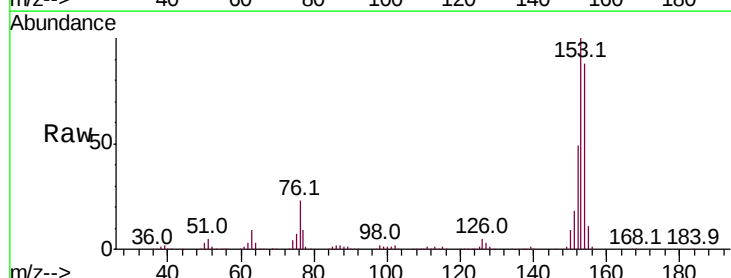
Manual Integrations
APPROVED

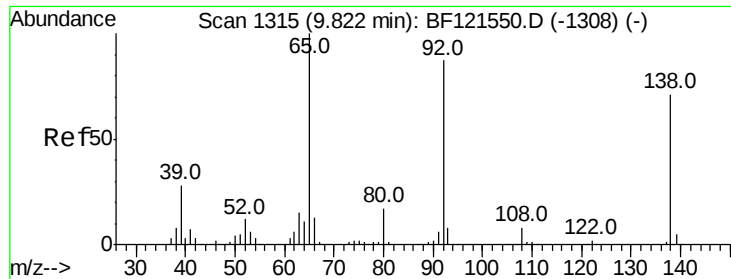
mohammad
9/11/2020 11:48:20 AM



#52
Acenaphthene
Concen: 50.700 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1064015		
153	113.0		91.0	136.4
152	55.1		44.2	66.2





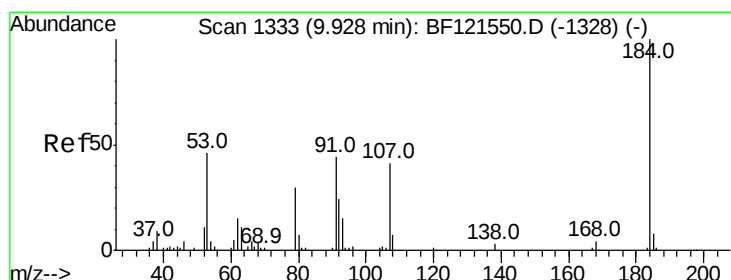
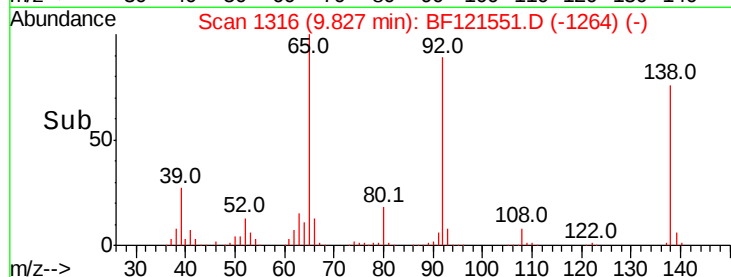
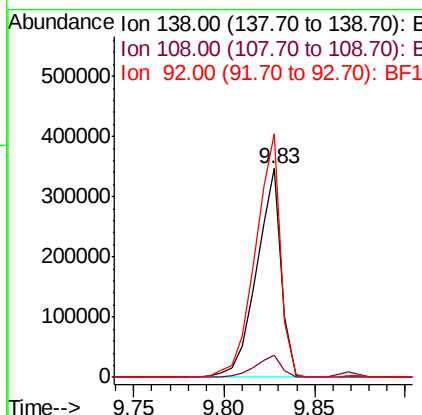
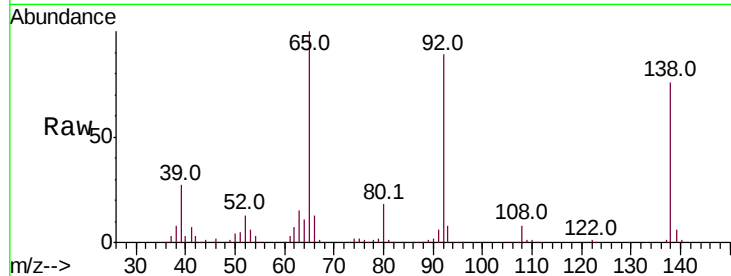
#53
3-Nitroaniline
Concen: 69.261 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.0	13.6
92	116.7	97.4	146.0

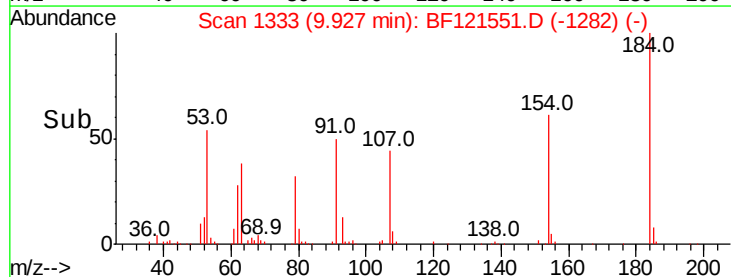
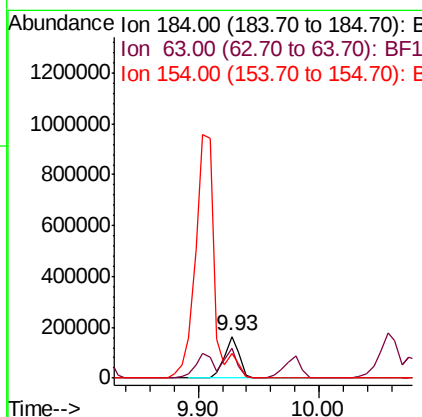
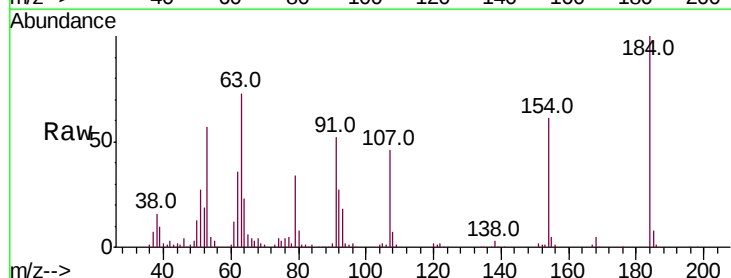
Manual Integrations
APPROVED

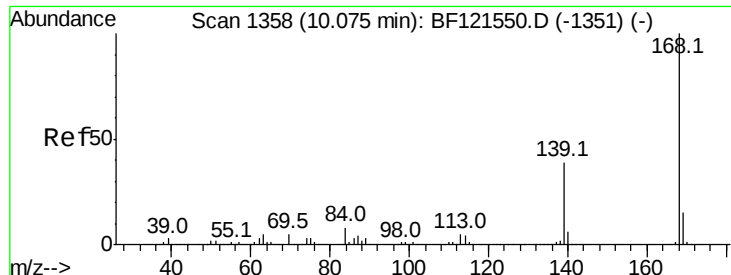
mohammad
9/11/2020 11:48:20 AM



#54
2,4-Dinitrophenol
Concen: 110.560 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.0	47.7	71.5#
154	60.7	47.2	70.8





#55

Dibenzofuran

Concen: 48.219 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:168 Resp: 1469985

Ion Ratio Lower Upper

168 100

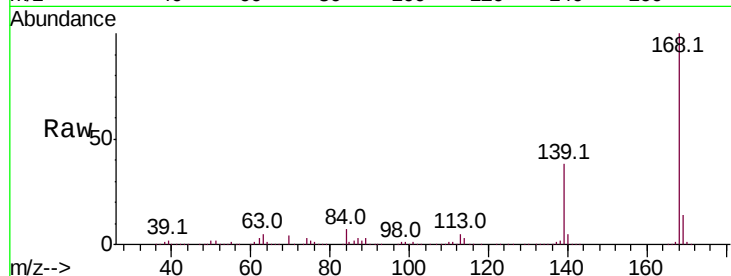
139 37.9 31.4 47.0

169 14.4 11.9 17.9

Manual Integrations
APPROVED

mohammad

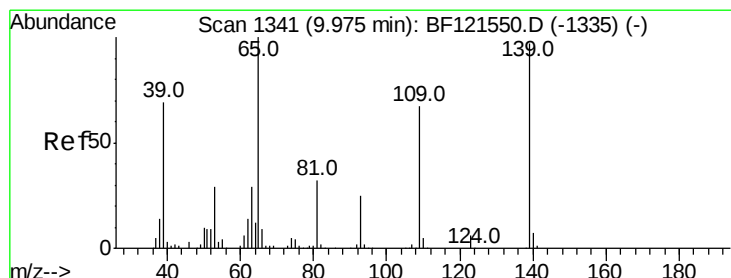
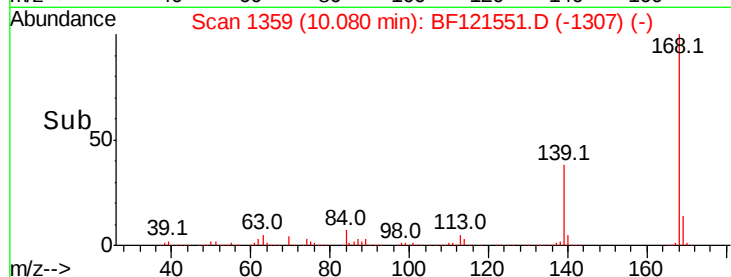
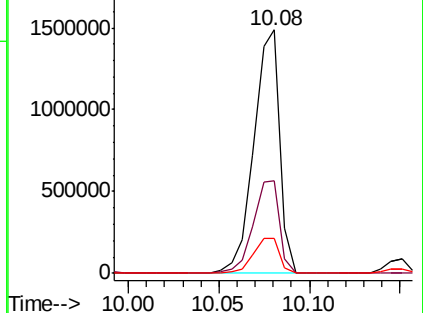
9/11/2020 11:48:20 AM



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 70.132 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

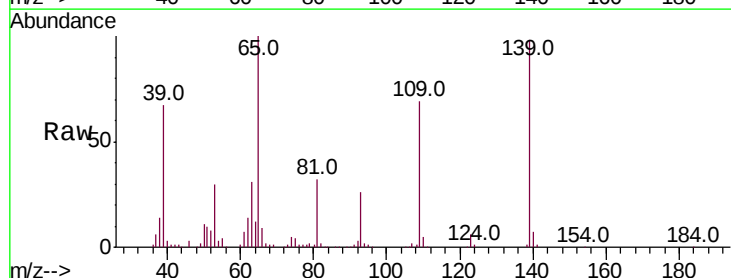
Tgt Ion:139 Resp: 269130

Ion Ratio Lower Upper

139 100

109 70.2 48.8 88.8

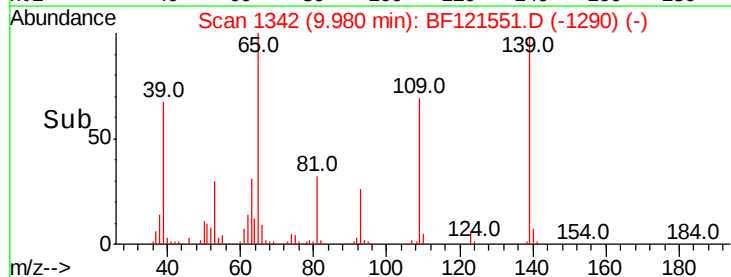
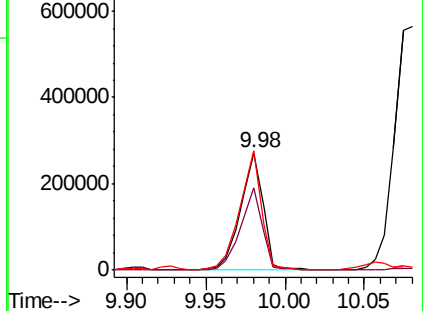
65 102.1 83.6 123.6

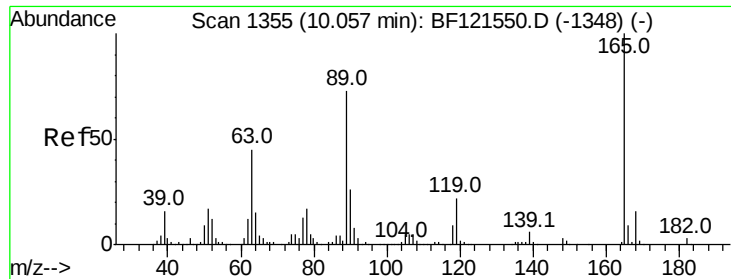


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





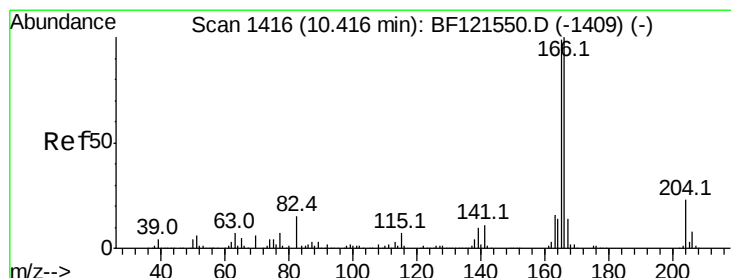
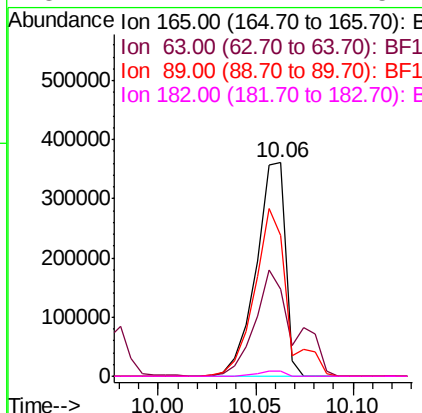
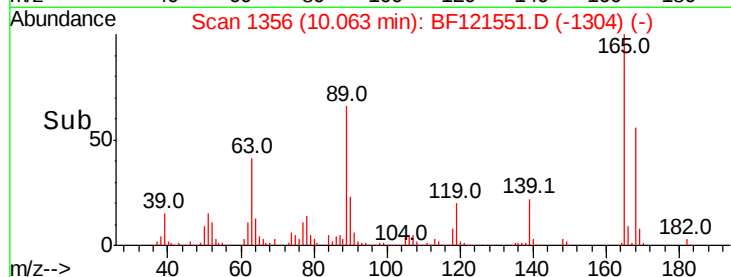
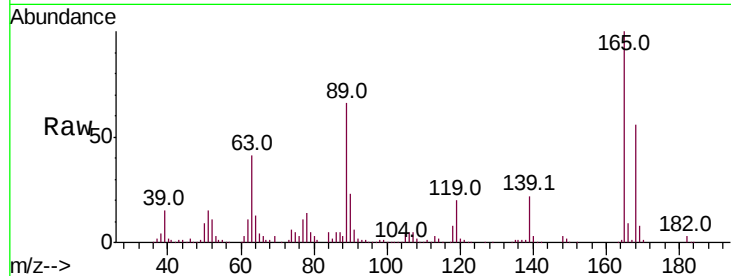
#57
 2,4-Dinitrotoluene
 Concen: 88.327 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.7	36.2	54.4
89	66.1	58.2	87.4
182	2.7	2.2	3.2

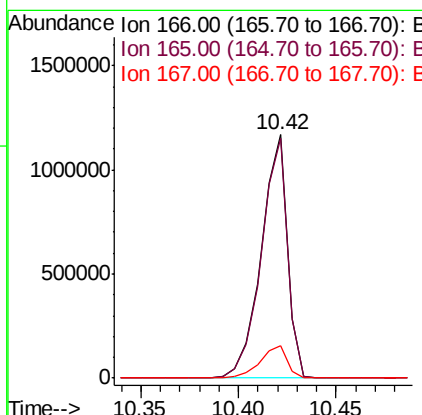
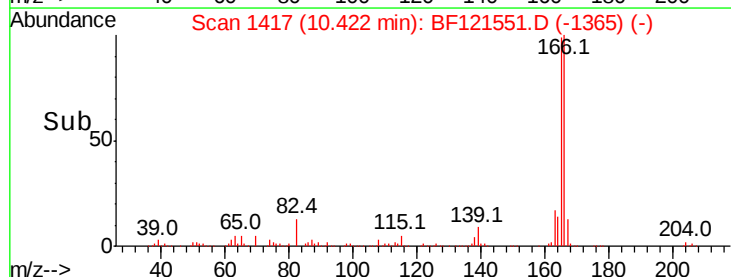
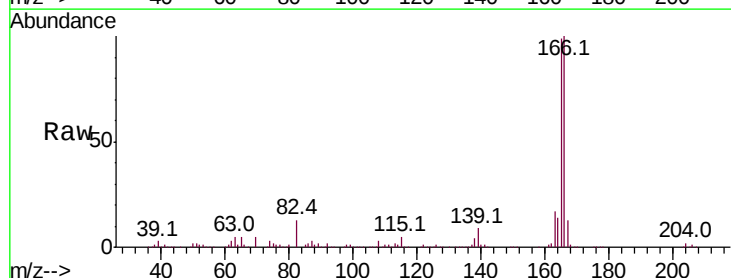
Manual Integrations
 APPROVED

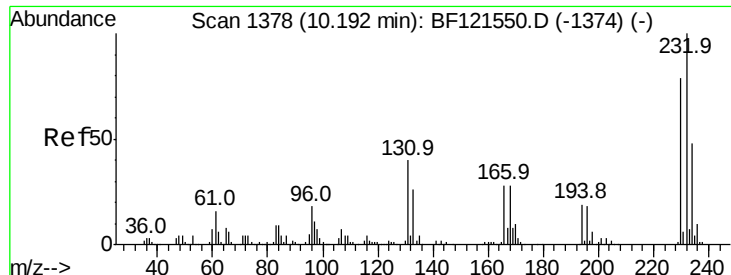
mohammad
 9/11/2020 11:48:20 AM



#58
 Fluorene
 Concen: 47.201 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.0	118.4
167	13.3	11.0	16.6





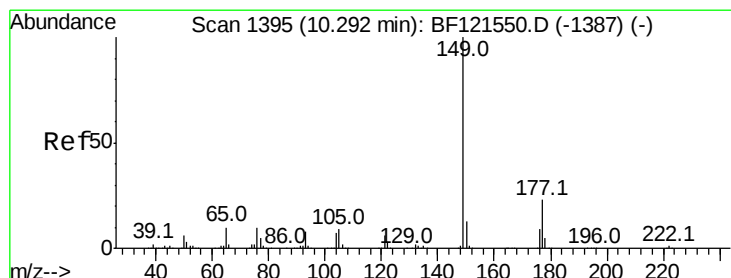
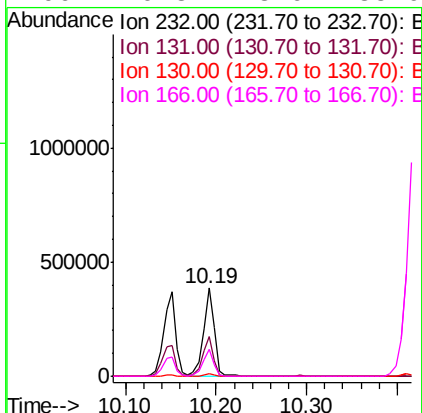
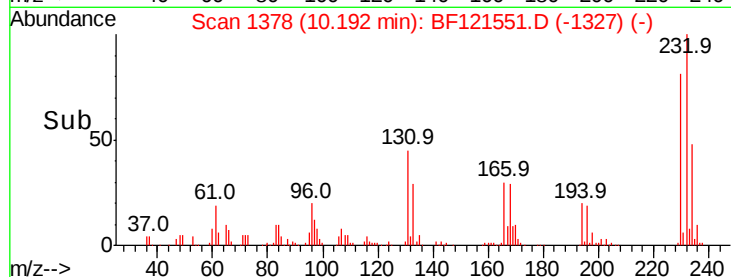
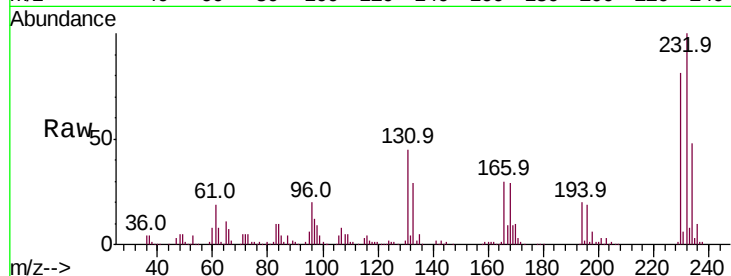
#59
2,3,4,6-Tetrachlorophenol
Concen: 60.080 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
232	100	331068		
131	44.3		36.3	54.5
130	2.2		1.9	2.9
166	29.8		23.9	35.9

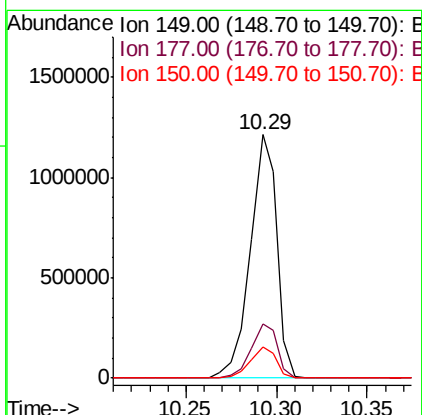
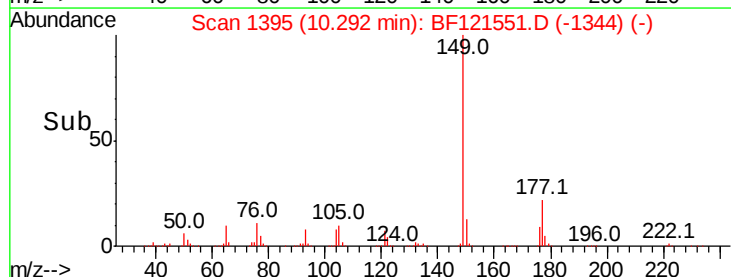
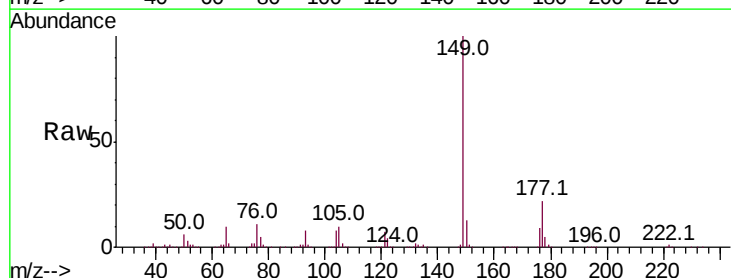
Manual Integrations
APPROVED

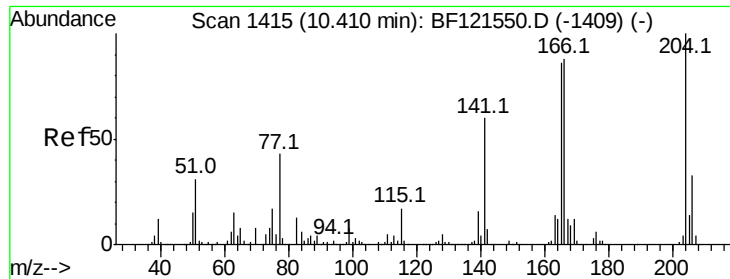
mohammad
9/11/2020 11:48:20 AM



#60
Diethylphthalate
Concen: 49.961 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1231745		
177	22.4		18.2	27.2
150	13.0		10.2	15.2





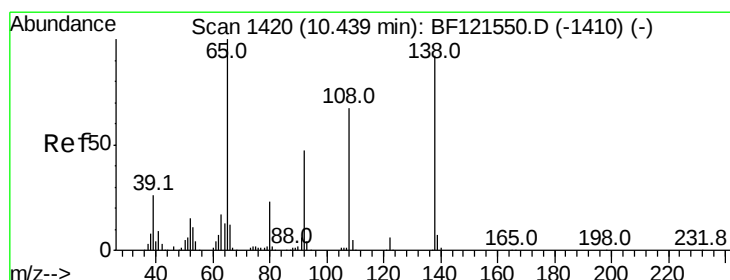
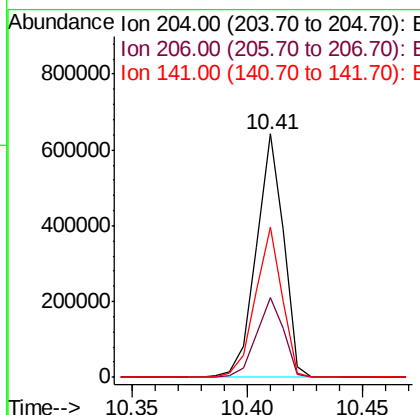
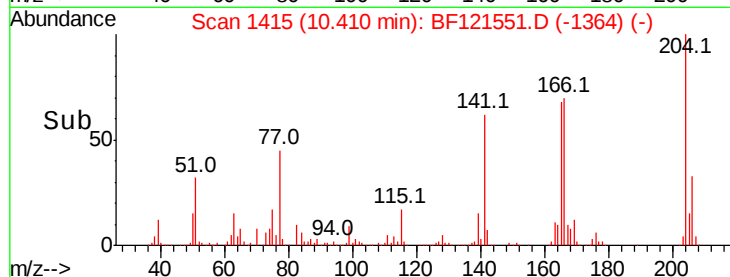
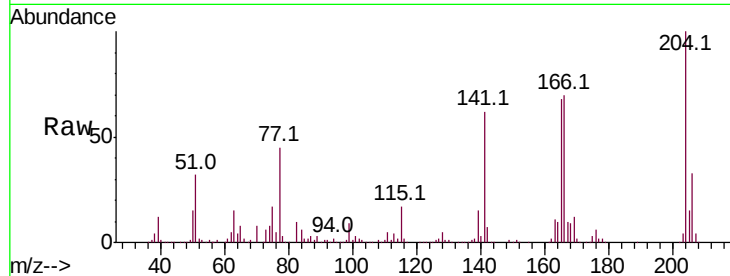
#61
4-Chlorophenyl-phenylether
Concen: 45.922 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.4	39.6
141	61.6	48.3	72.5

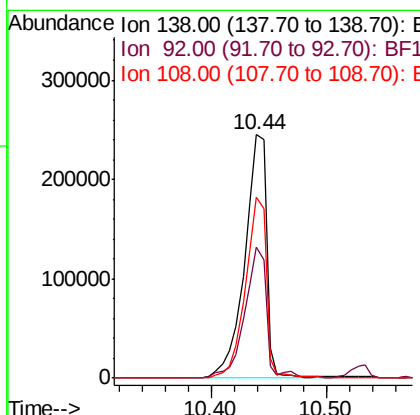
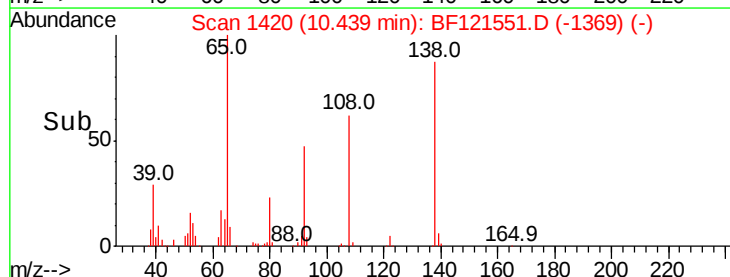
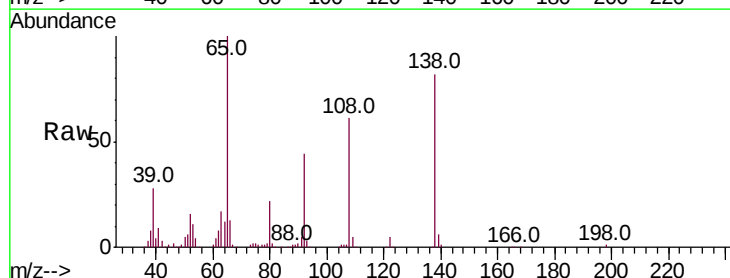
Manual Integrations
APPROVED

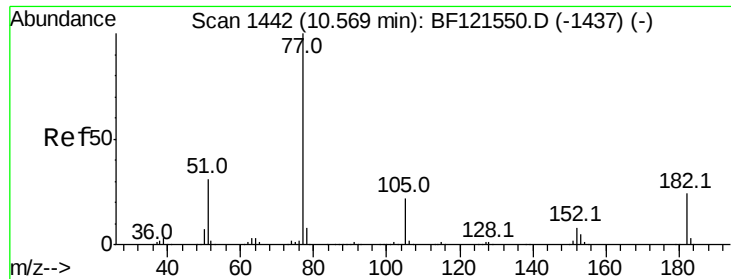
mohammad
9/11/2020 11:48:20 AM



#62
4-Nitroaniline
Concen: 63.954 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.9	31.4	71.4
108	74.3	52.4	92.4





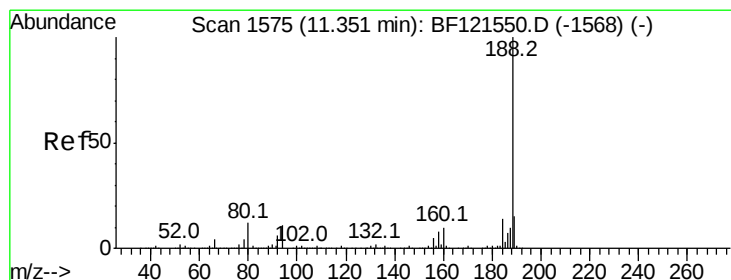
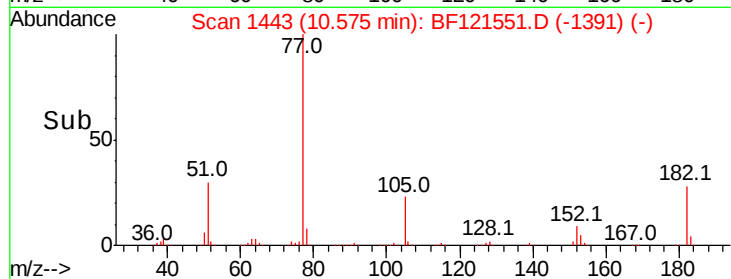
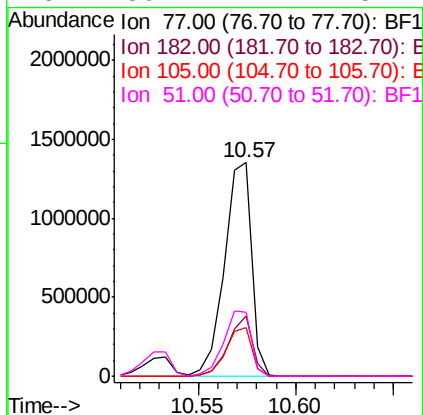
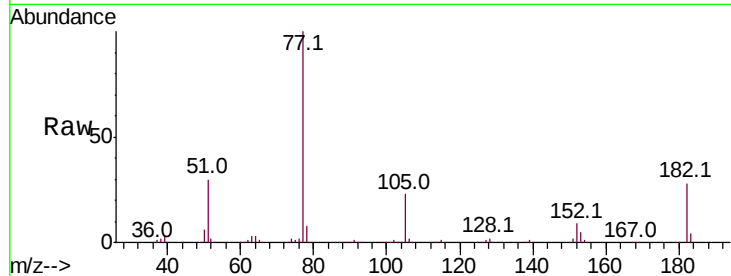
#63
Azobenzene
Concen: 53.321 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.3	3.9	43.9
105	22.8	2.2	42.2
51	30.2	11.1	51.1

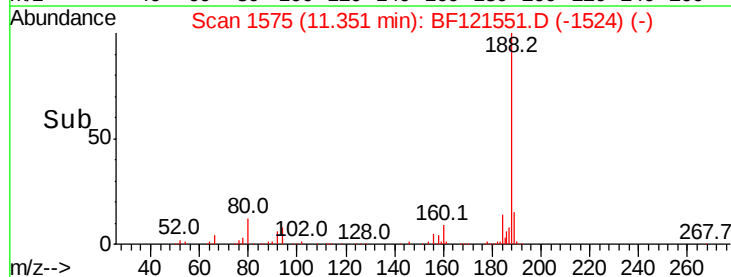
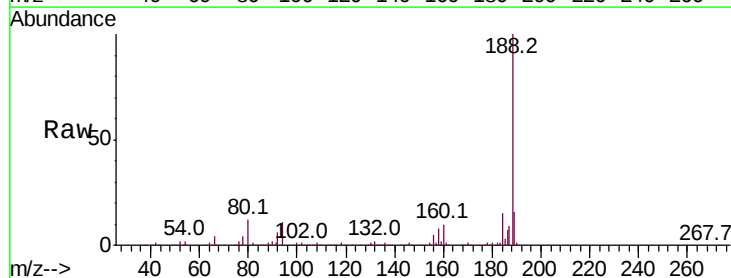
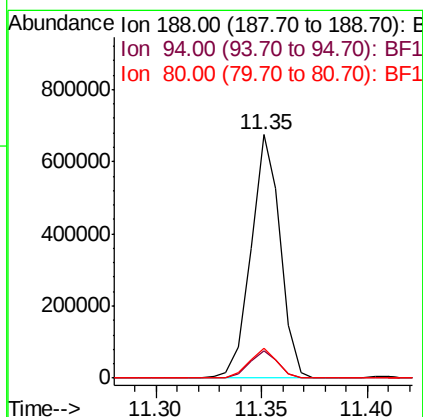
Manual Integrations
APPROVED

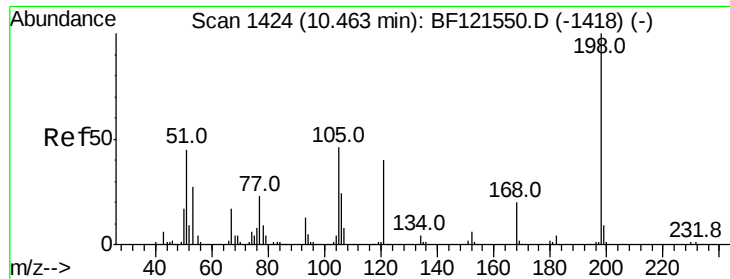
mohammad
9/11/2020 11:48:20 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.7	13.1
80	12.0	9.3	13.9





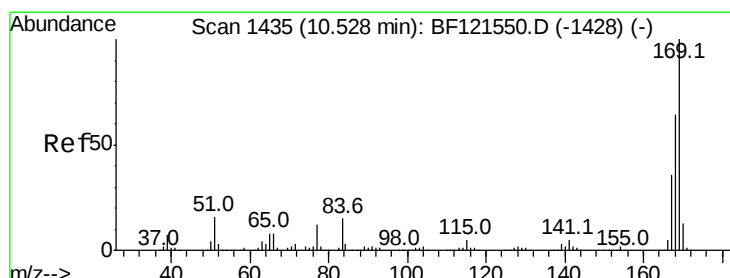
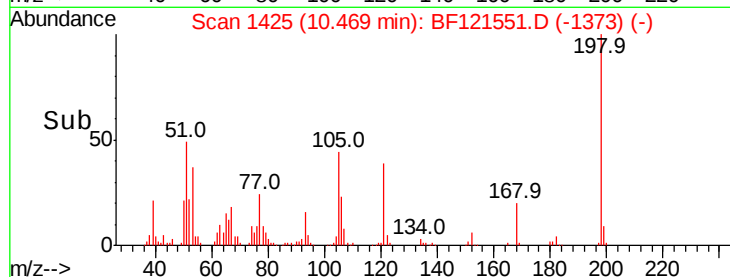
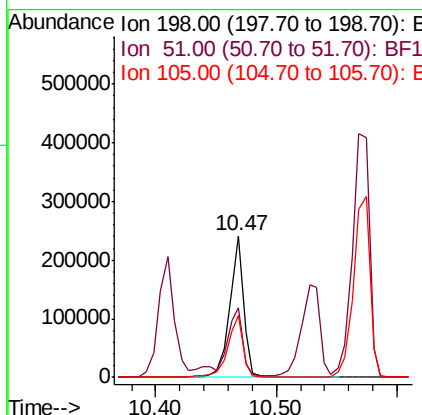
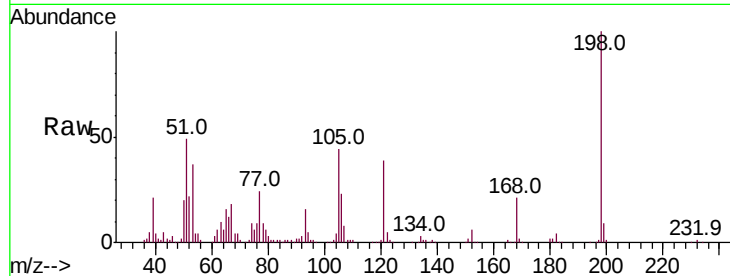
#65
4,6-Dinitro-2-methylphenol
Concen: 116.970 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
198	100	195564		
51	48.7	31.1	71.1	
105	43.9	26.6	66.6	

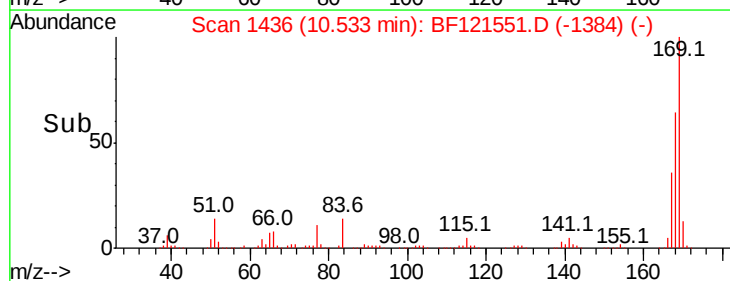
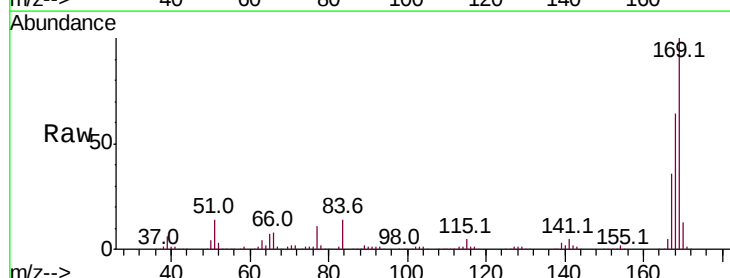
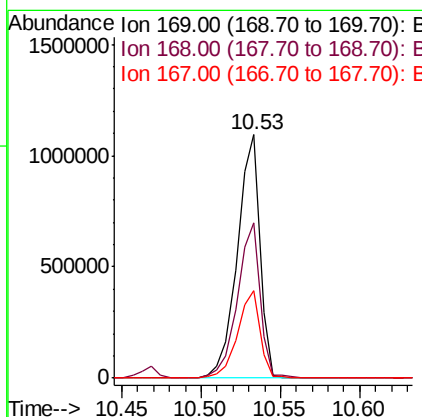
Manual Integrations
APPROVED

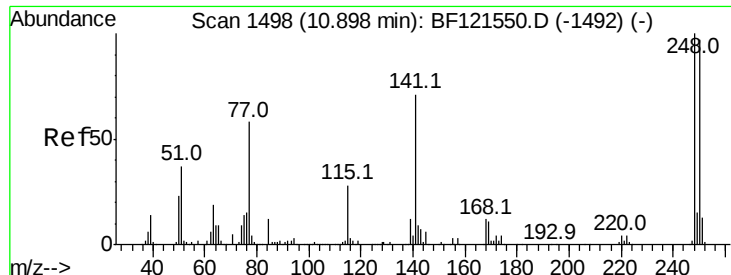
mohammad
9/11/2020 11:48:20 AM



#66
n-Nitrosodiphenylamine
Concen: 52.907 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1079242		
168	63.8	51.2	76.8	
167	35.8	28.9	43.3	





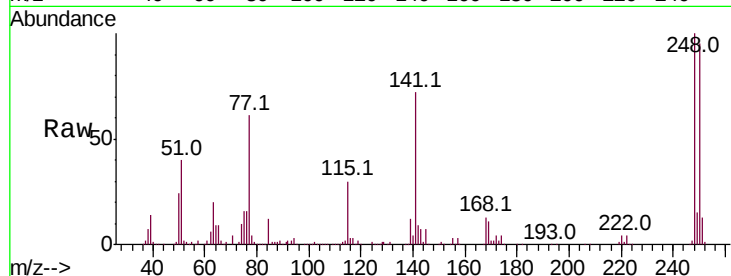
#67
 4-Bromophenyl-phenylether
 Concen: 51.541 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.00 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

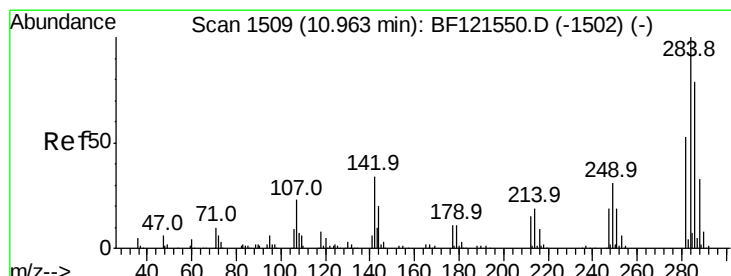
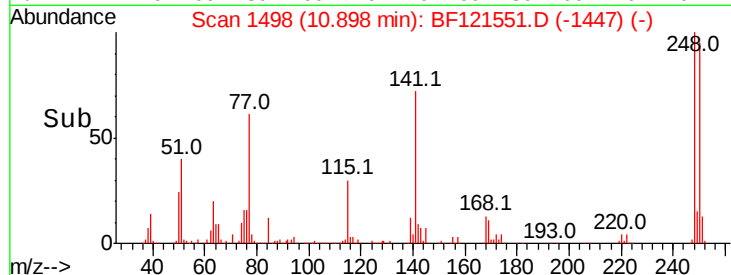
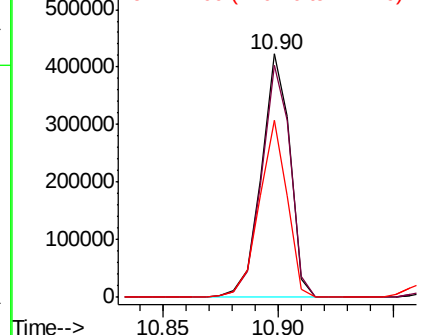
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.4	77.4	116.0
141	72.5	56.7	85.1

Manual Integrations
 APPROVED

mohammad
 9/11/2020 11:48:20 AM

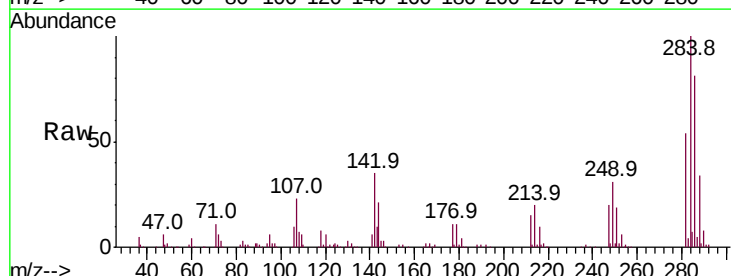


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

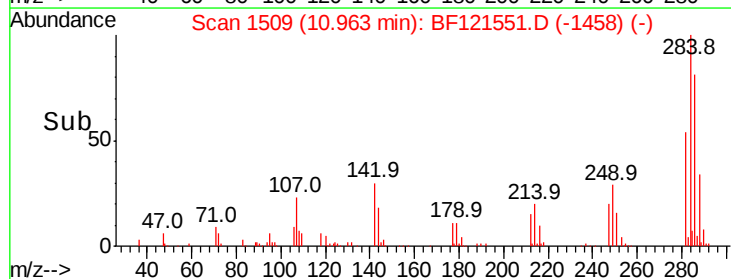
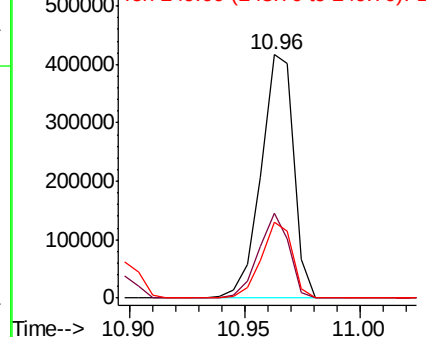


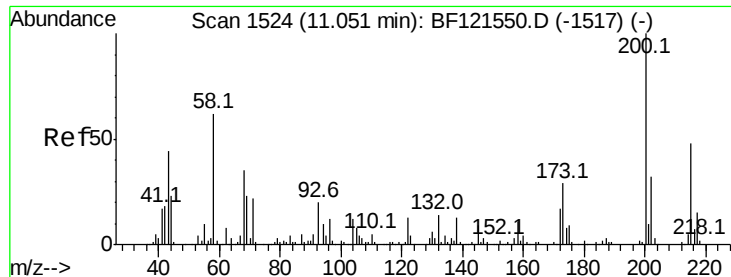
#68
 Hexachlorobenzene
 Concen: 49.720 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	27.0	40.4
249	30.9	24.7	37.1



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





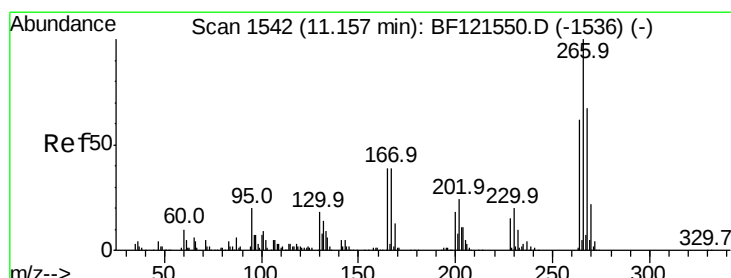
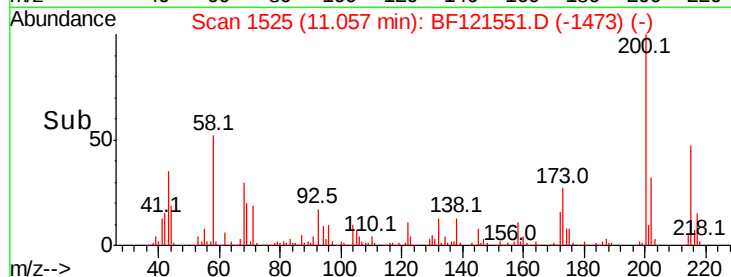
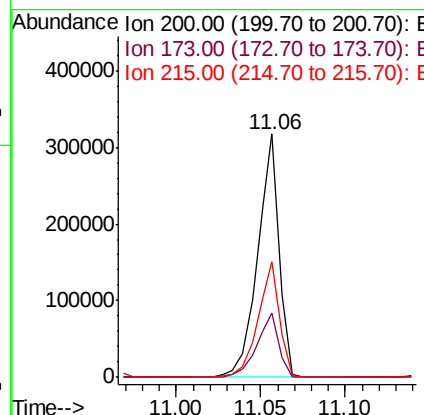
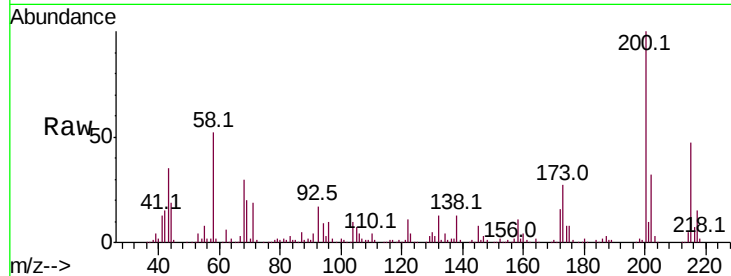
#69
Atrazine
Concen: 47.500 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
200	100	281005		
173	26.7	8.5	48.5	
215	47.4	27.8	67.8	

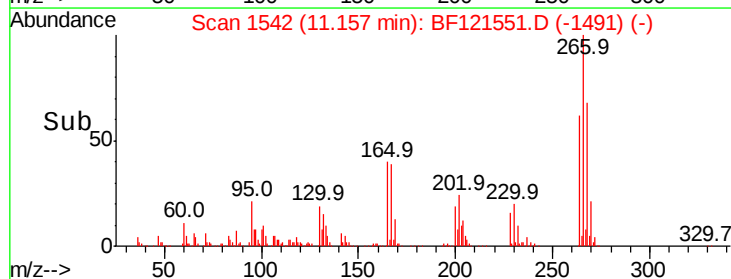
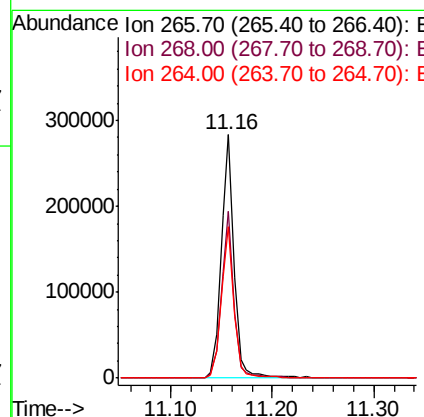
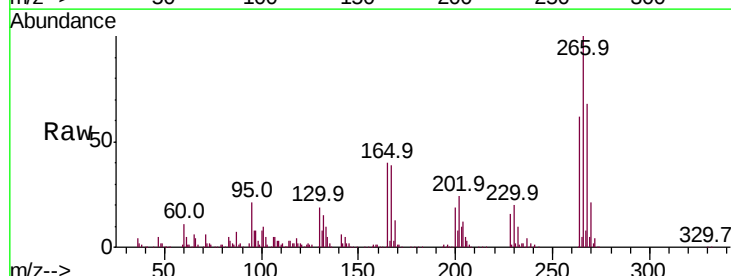
Manual Integrations
APPROVED

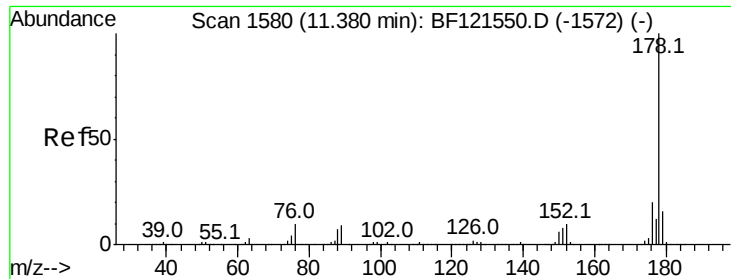
mohammad
9/11/2020 11:48:20 AM



#70
Pentachlorophenol
Concen: 65.713 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	249081		
268	68.4	53.5	80.3	
264	62.4	49.8	74.8	





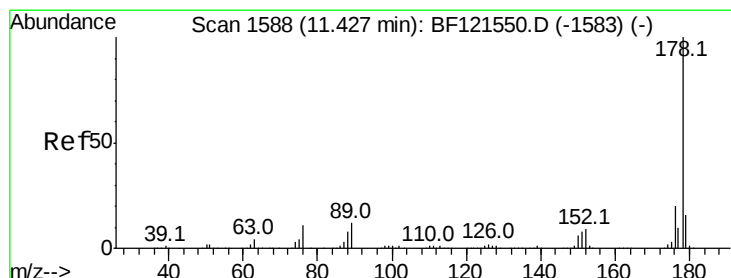
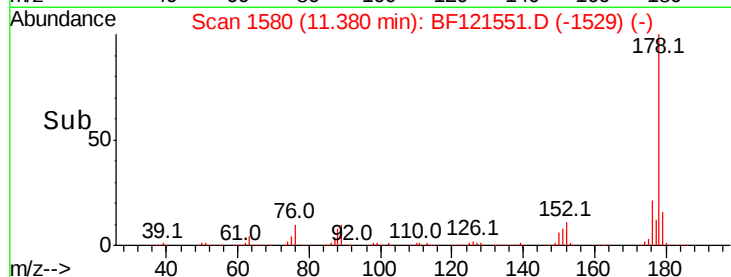
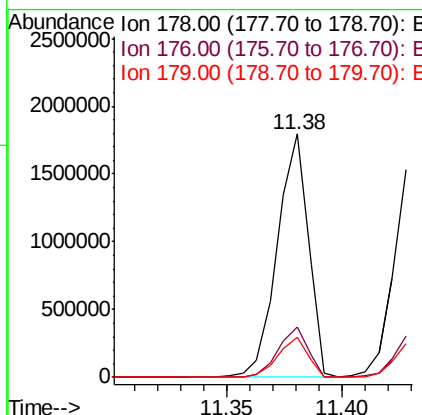
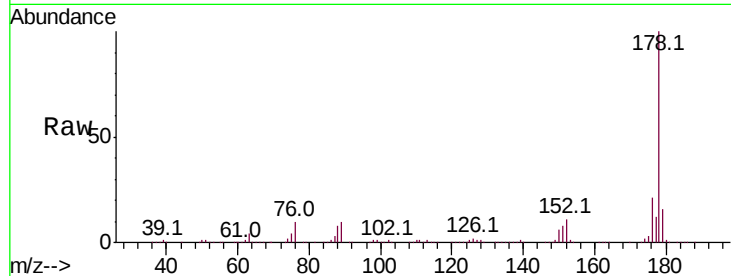
#71
Phenanthrene
Concen: 50.559 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	16.3	12.6	19.0

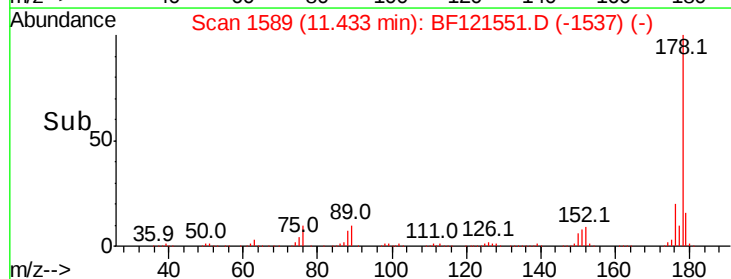
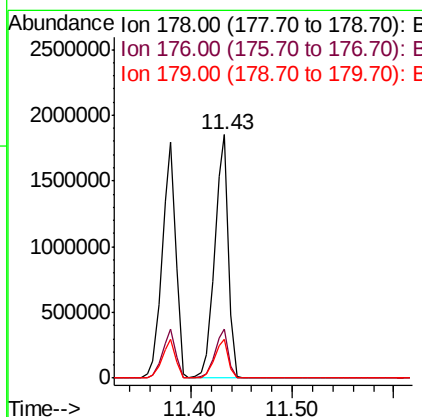
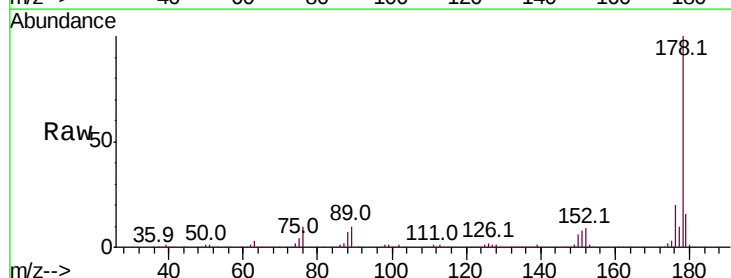
Manual Integrations
APPROVED

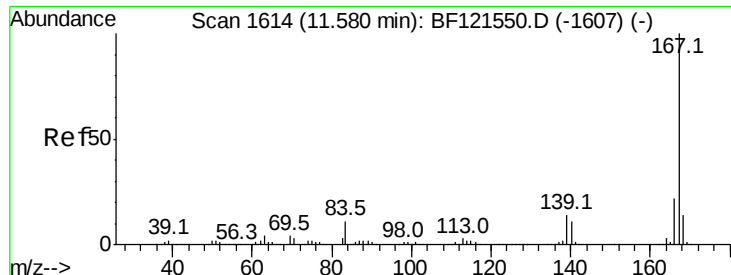
mohammad
9/11/2020 11:48:20 AM



#72
Anthracene
Concen: 52.753 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	16.1	12.8	19.2





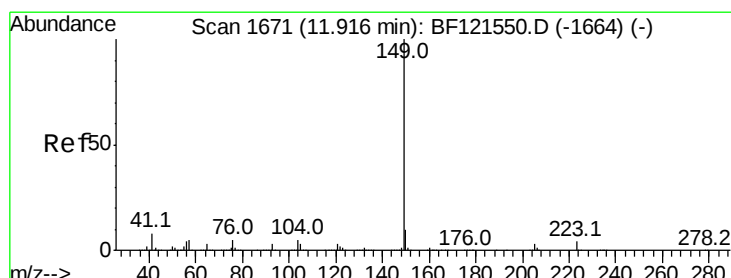
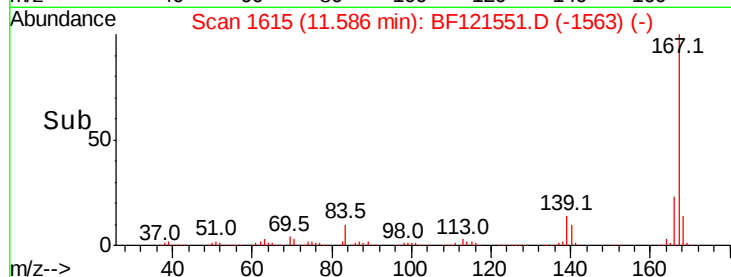
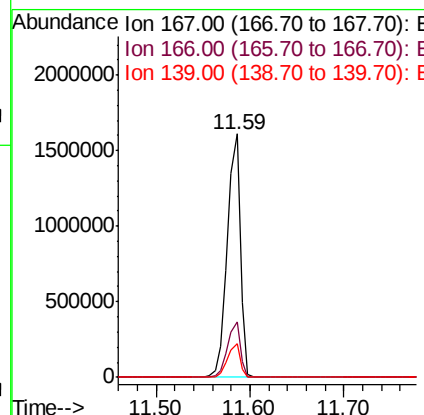
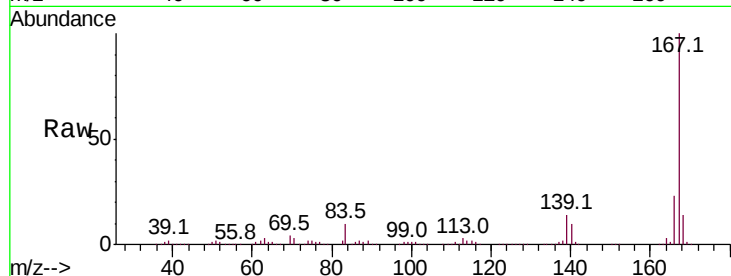
#73
 Carbazole
 Concen: 50.090 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.01 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:167 Resp: 1572395
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.9 26.9
 139 13.6 11.2 16.8

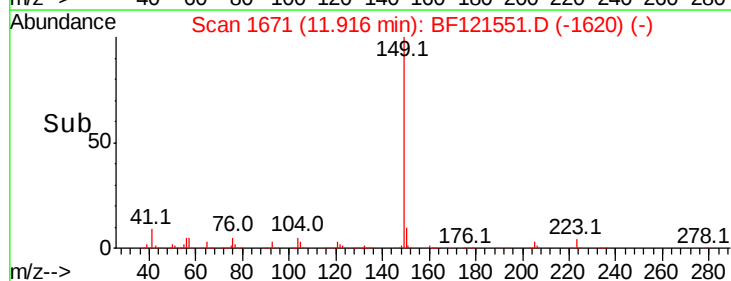
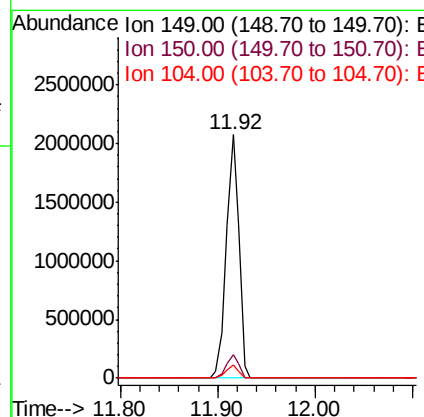
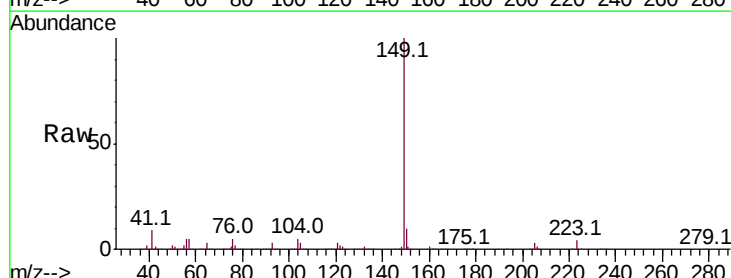
Manual Integrations
 APPROVED

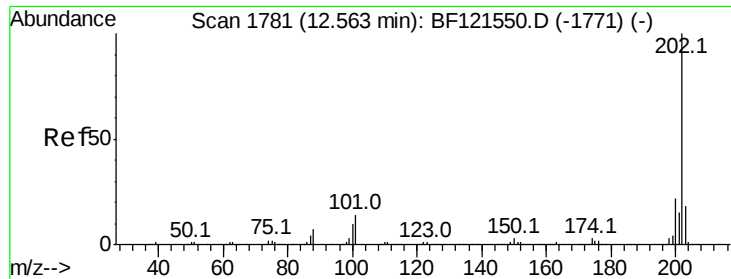
mohammad
 9/11/2020 11:48:20 AM



#74
 Di-n-butylphthalate
 Concen: 53.194 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

Tgt Ion:149 Resp: 1855021
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 5.4 4.2 6.4





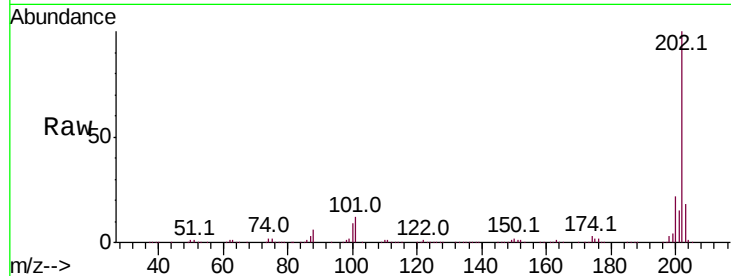
#75
Fluoranthene
Concen: 50.170 ng
RT: 12.57 min Scan# 1782
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1789615		
101	12.1		0.0	34.0
203	18.1		0.0	38.2

Manual Integrations
APPROVED

mohammad
9/11/2020 11:48:20 AM

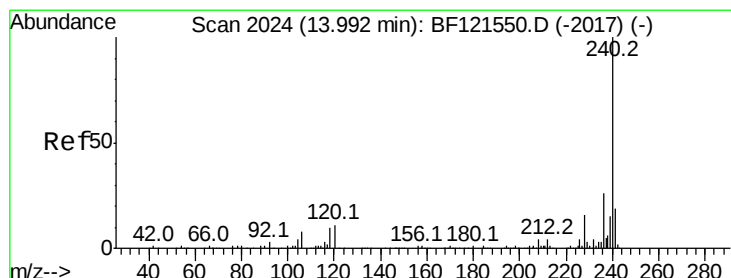
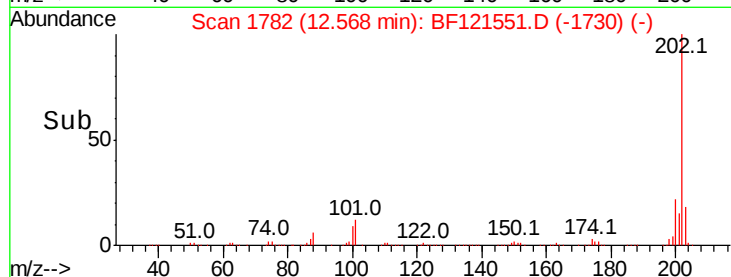
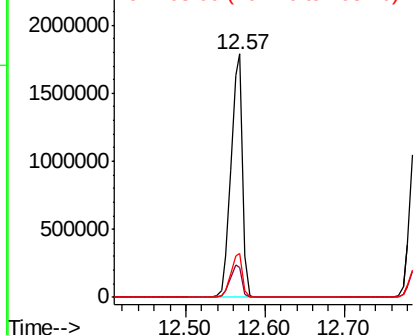


Abundance

Ion 202.00 (201.70 to 202.70): E

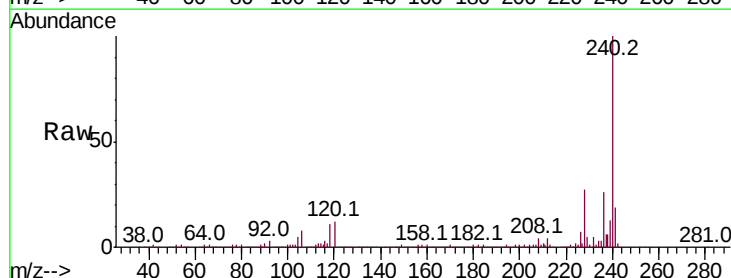
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	511359		
120	12.3		9.2	13.8
236	26.0		20.5	30.7

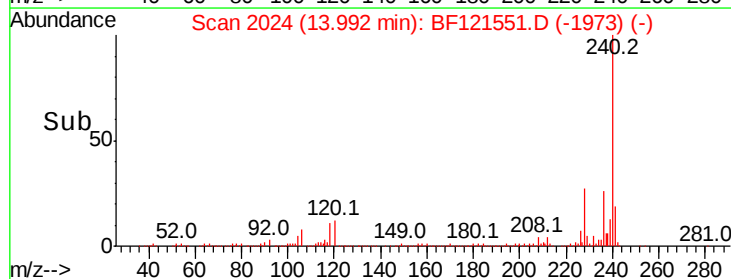
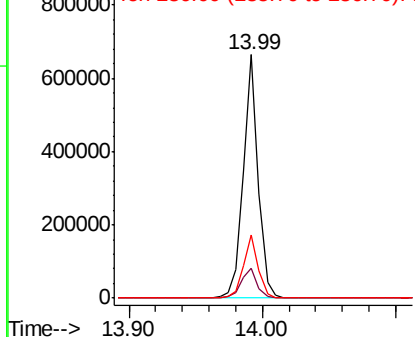


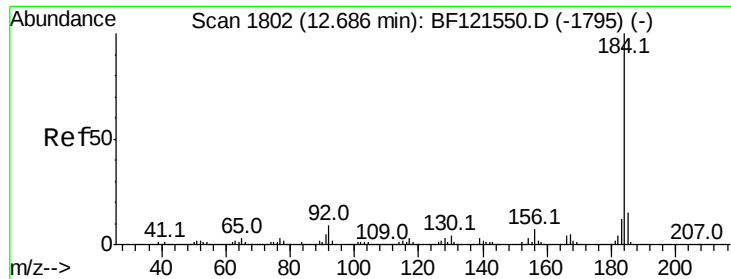
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 77.967 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

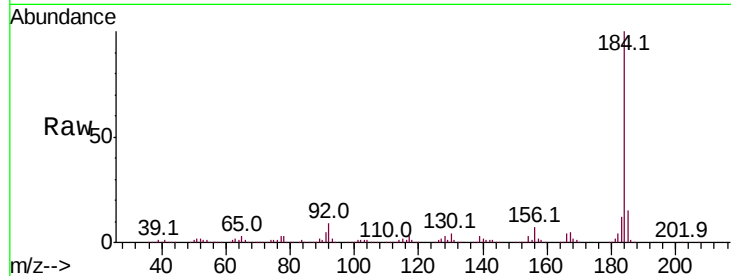
ClientSampleId :

SSTDIC050

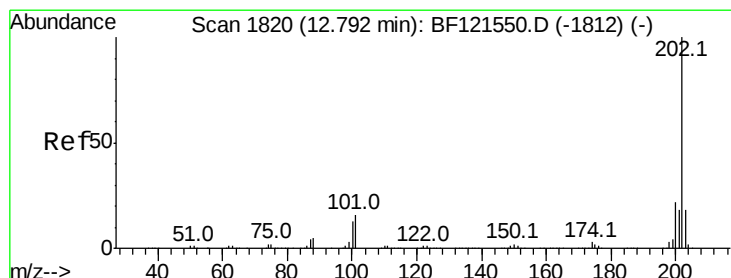
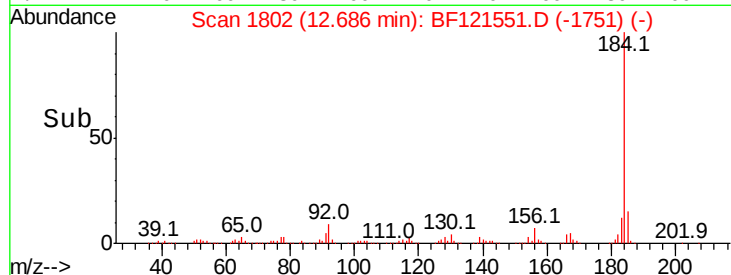
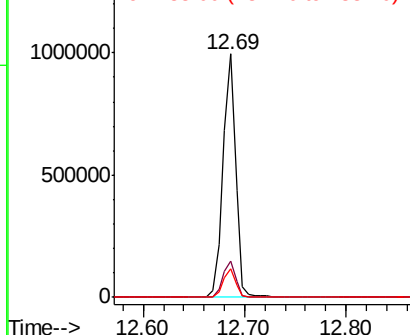
Tot Ion:	184	Resp:	869522
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.0	18.0
183	11.9	9.5	14.3

Manual Integrations
APPROVED

mohammad
9/11/2020 11:48:20 AM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.427 ng

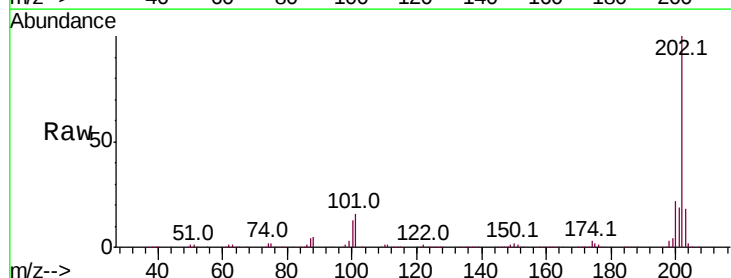
RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

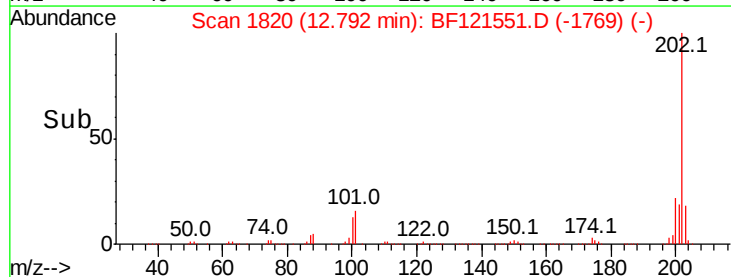
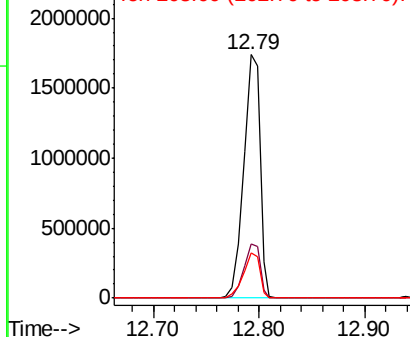
Lab File: BF121551.D

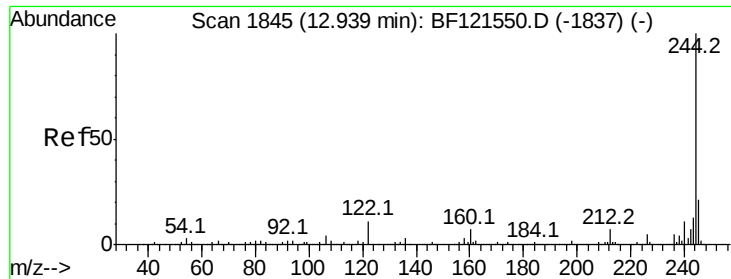
Acq: 10 Sep 2020 14:39

Tgt Ion:	202	Resp:	1841601
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.8	26.8
203	18.3	14.6	22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





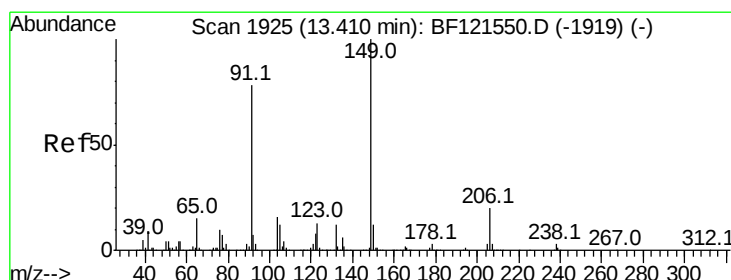
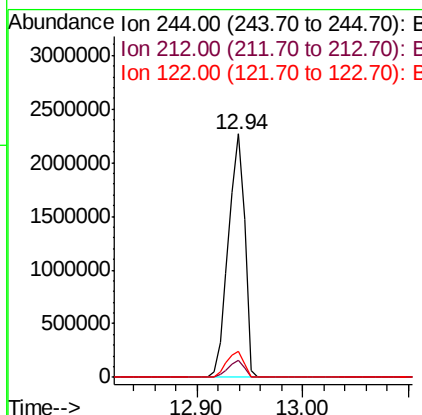
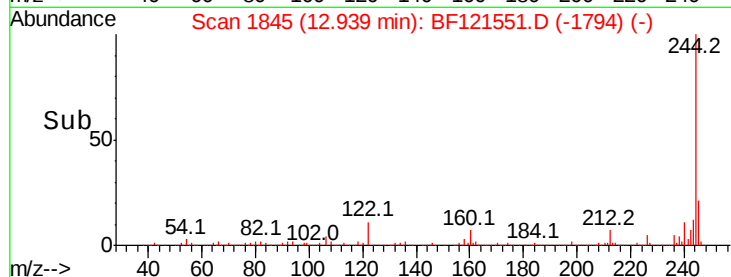
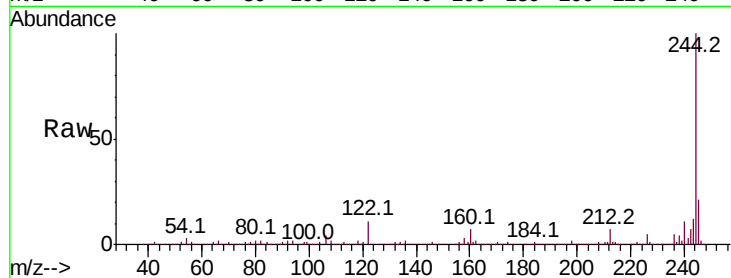
#79
 Terphenyl-d14
 Concen: 100.390 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.00 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.7	8.7	13.1

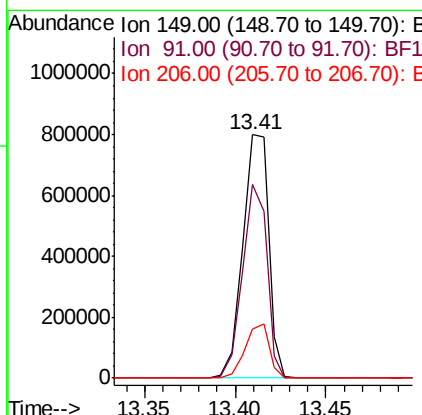
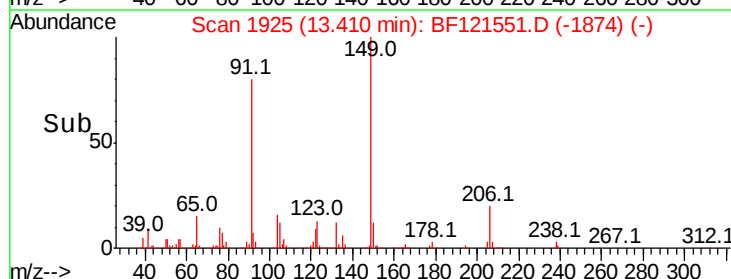
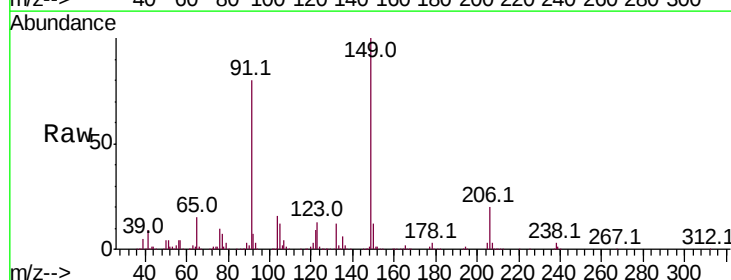
Manual Integrations
 APPROVED

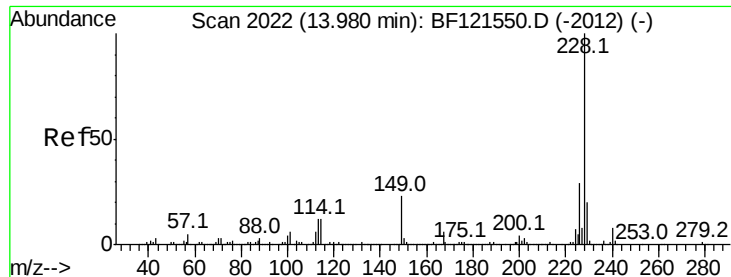
mohammad
 9/11/2020 11:48:20 AM



#80
 Butylbenzylphthalate
 Concen: 56.297 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.00 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.6	62.6	94.0
206	19.9	15.8	23.6





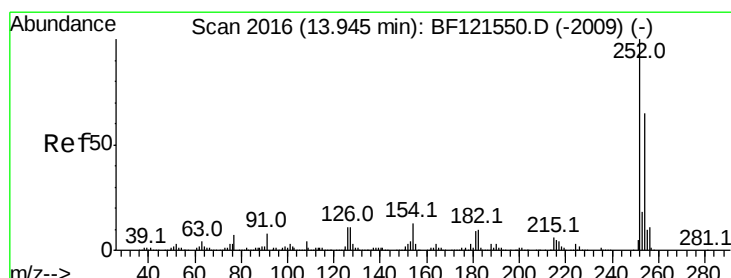
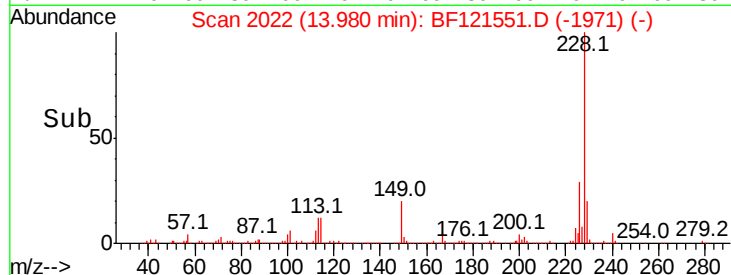
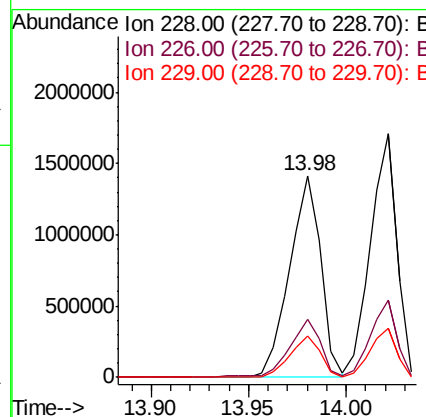
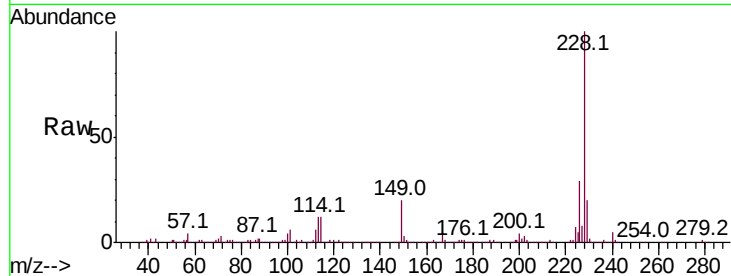
#81
Benzo(a)anthracene
Concen: 50.199 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.9	34.3
229	20.4	16.3	24.5

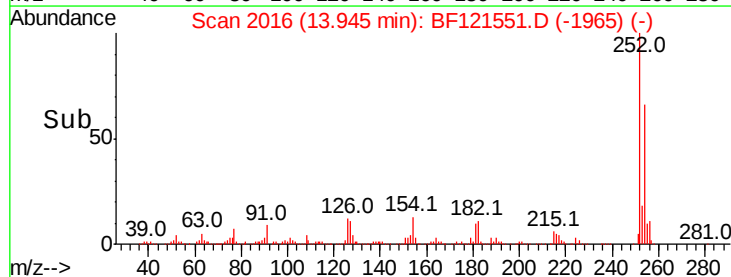
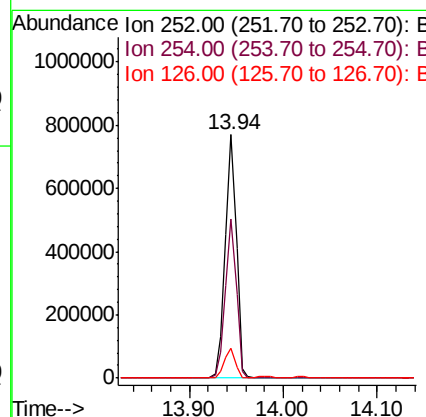
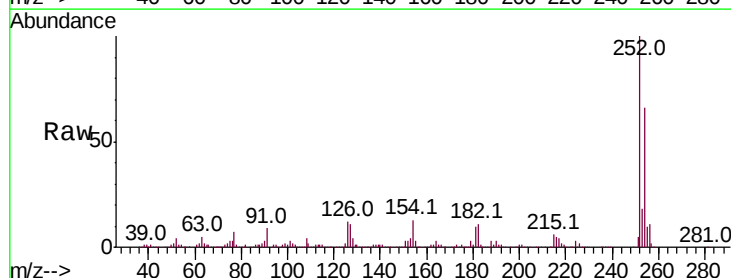
Manual Integrations
APPROVED

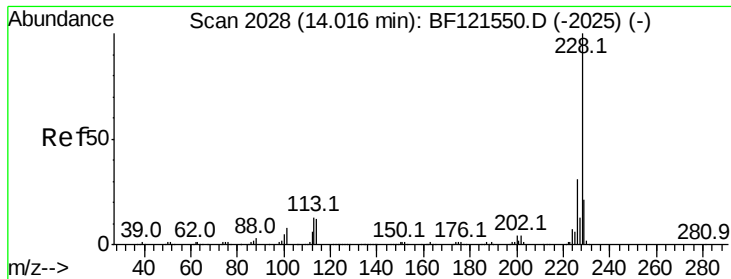
mohammad
9/11/2020 11:48:20 AM



#82
3,3'-Dichlorobenzidine
Concen: 56.439 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.3	78.5
126	12.2	9.1	13.7





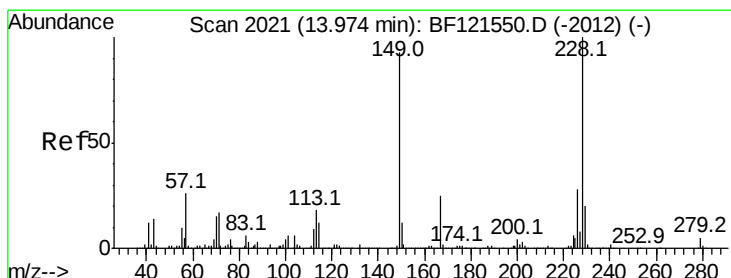
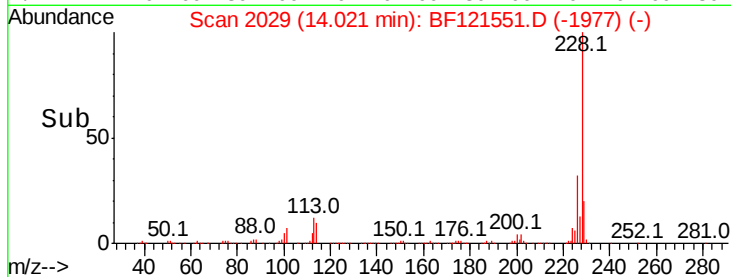
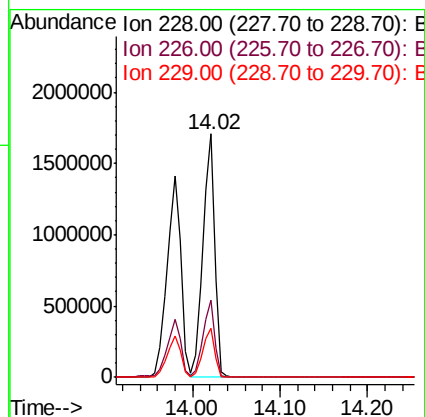
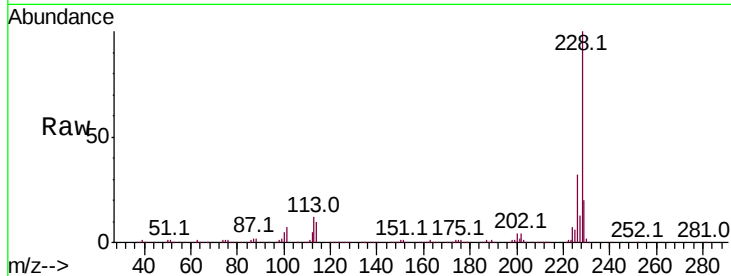
#83
 Chrysene
 Concen: 51.523 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.1	37.7
229	20.4	16.6	25.0

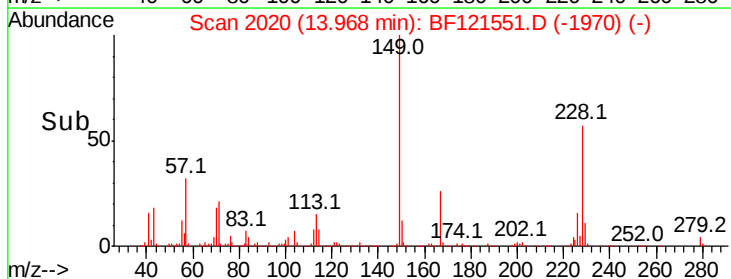
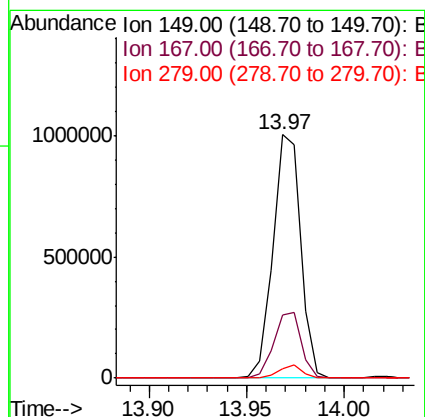
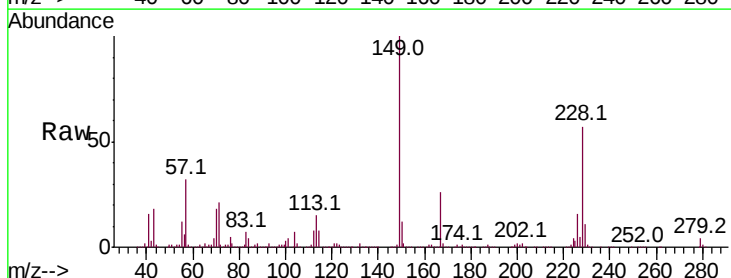
Manual Integrations
 APPROVED

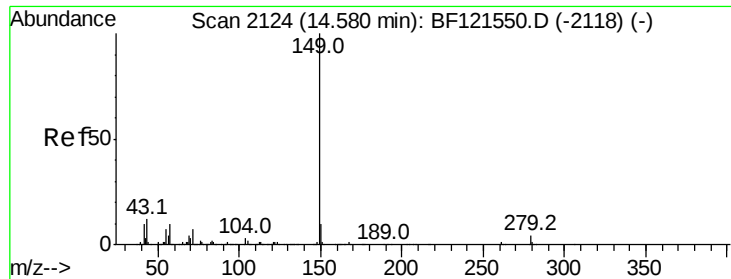
mohammad
 9/11/2020 11:48:20 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.440 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.6	32.4
279	3.8	4.1	6.1#





#85

Di-n-octyl phthalate

Concen: 59.199 ng

RT: 14.59 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 1823046

Ion Ratio Lower Upper

149 100

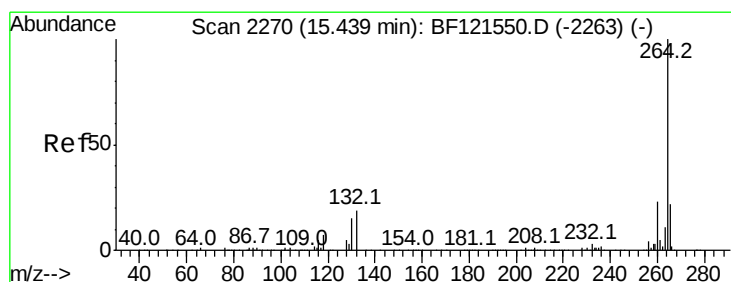
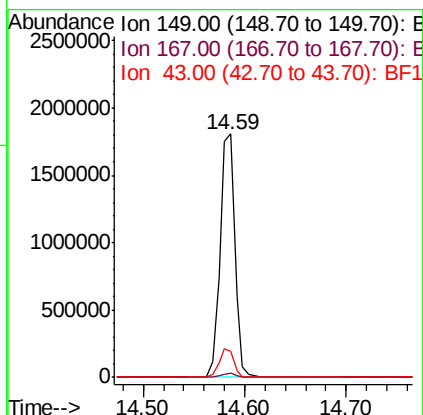
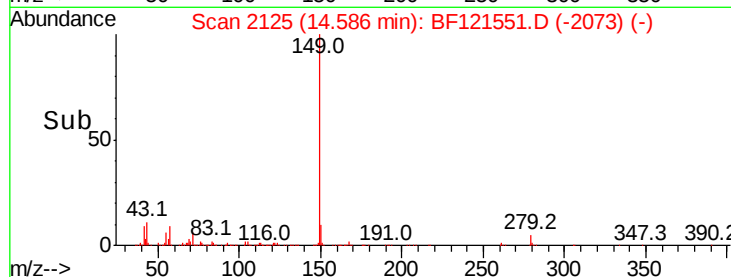
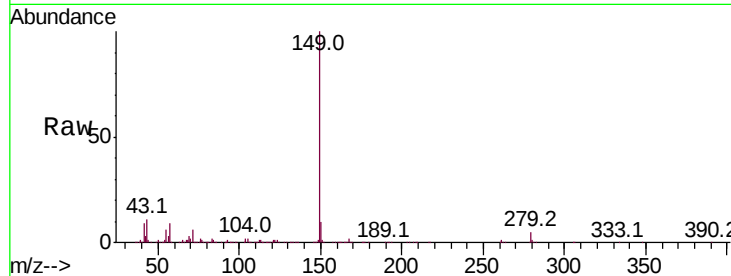
167 1.5 1.2 1.8

43 11.7 9.4 14.0

Manual Integrations
APPROVED

mohammad

9/11/2020 11:48:20 AM



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF121551.D

Acq: 10 Sep 2020 14:39

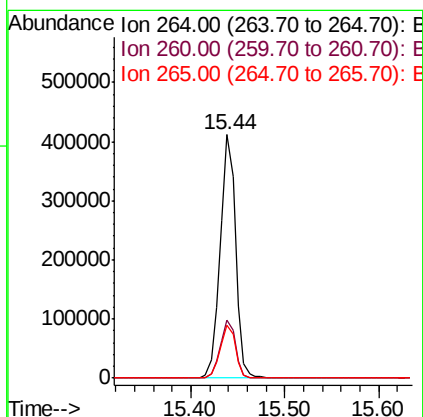
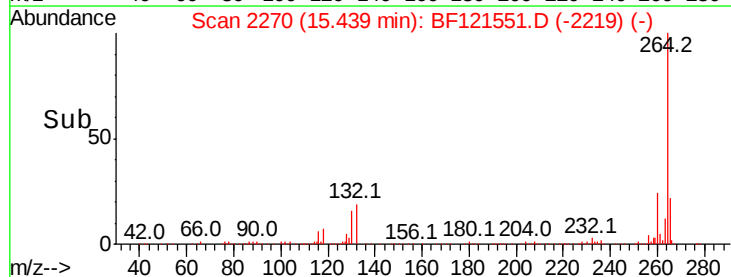
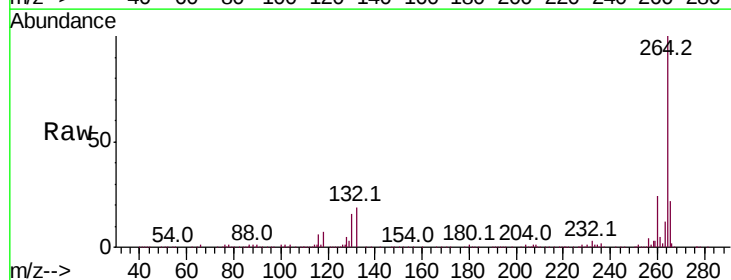
Tgt Ion:264 Resp: 473824

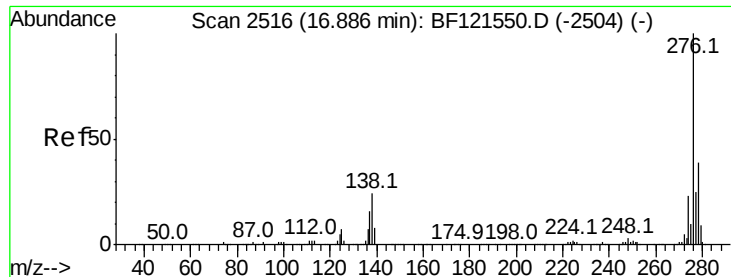
Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.8 17.8 26.6





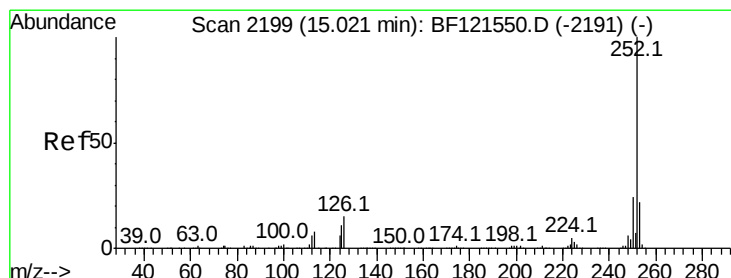
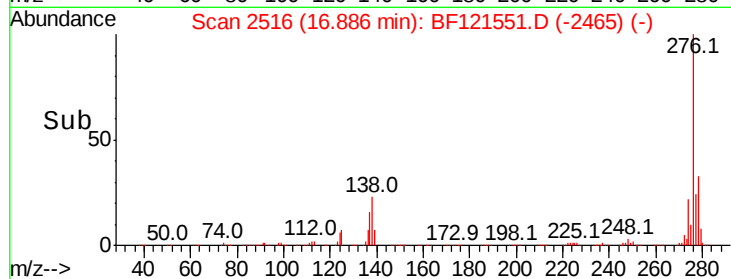
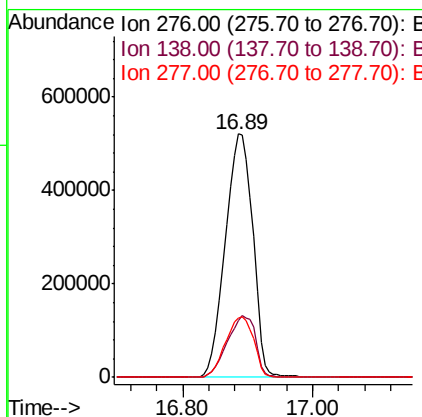
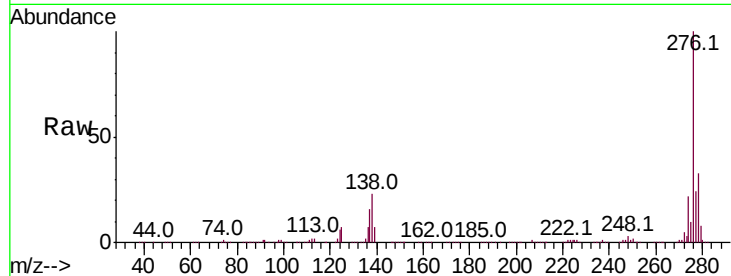
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.489 ng
 RT: 16.89 min Scan# 2516
 Delta R.T. -0.00 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.6	31.0
277	25.4	20.2	30.4

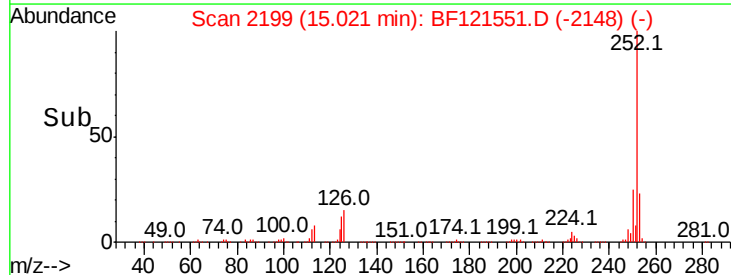
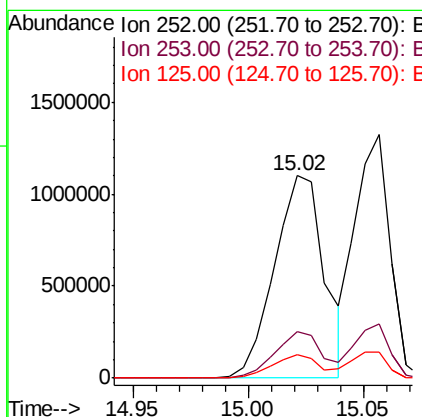
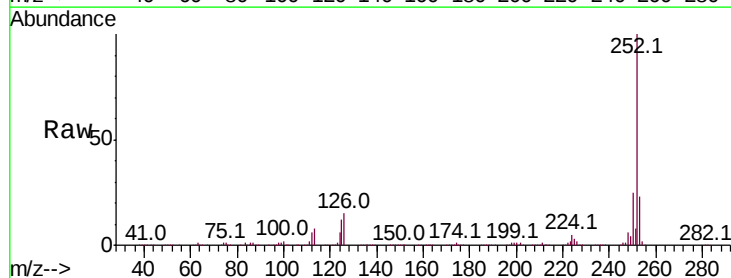
Manual Integrations
 APPROVED

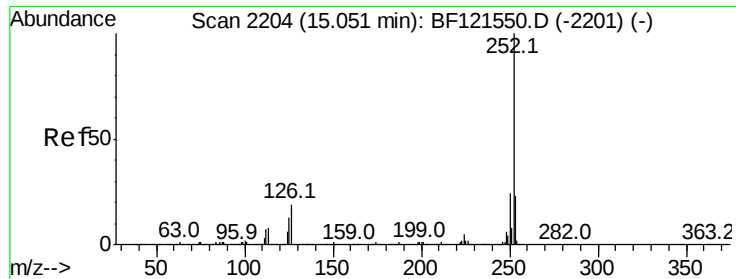
mohammad
 9/11/2020 11:48:20 AM



#88
 Benzo(b)fluoranthene
 Concen: 53.834 ng
 RT: 15.02 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BF121551.D
 Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	11.8	9.2	13.8





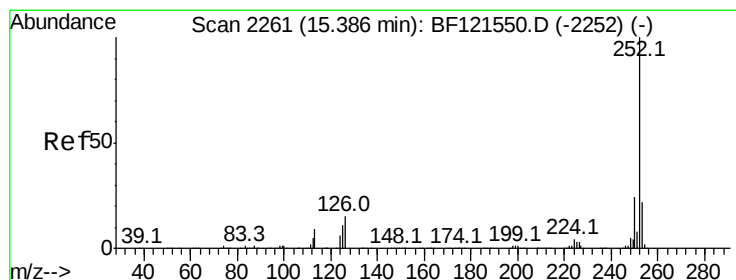
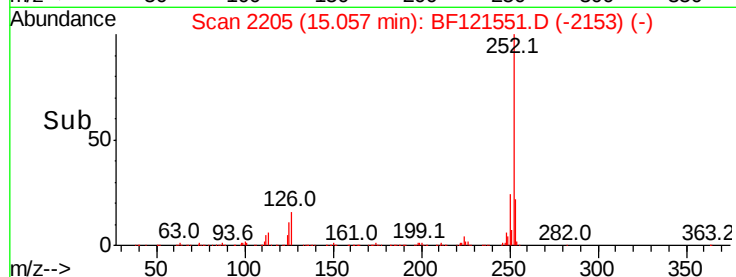
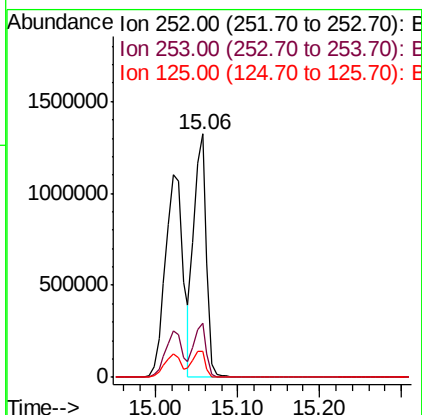
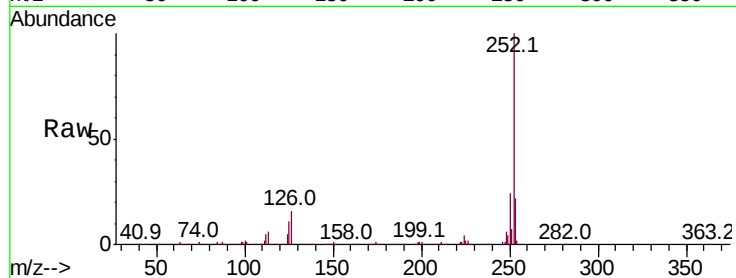
#89
Benzo(k)fluoranthene
Concen: 49.021 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.5	9.8	14.6

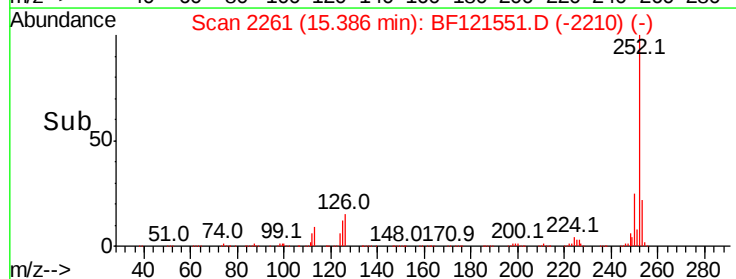
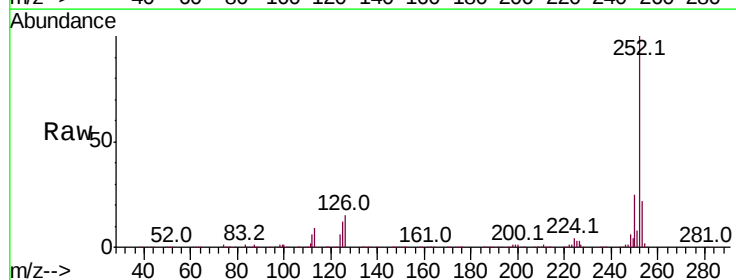
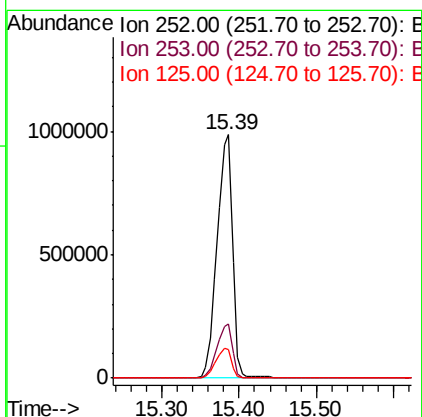
Manual Integrations
APPROVED

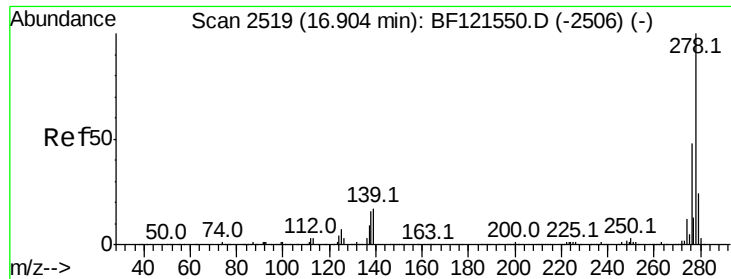
mohammad
9/11/2020 11:48:20 AM



#90
Benzo(a)pyrene
Concen: 49.097 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	11.6	9.0	13.4





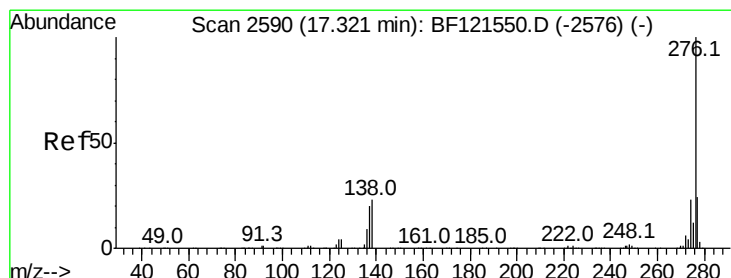
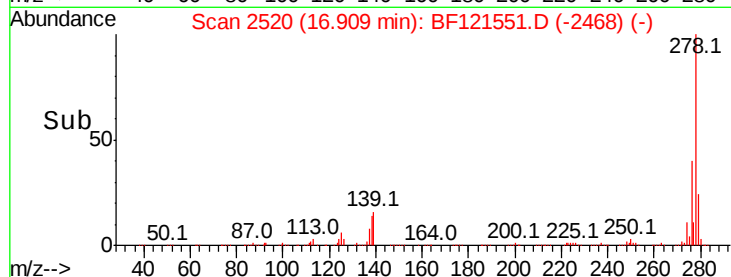
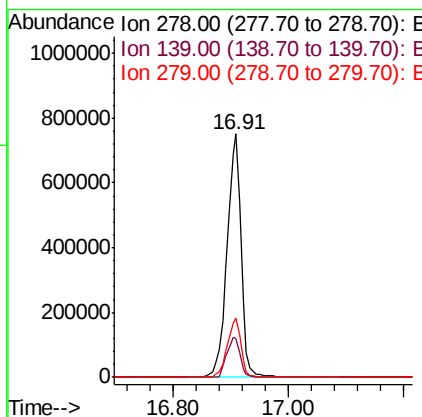
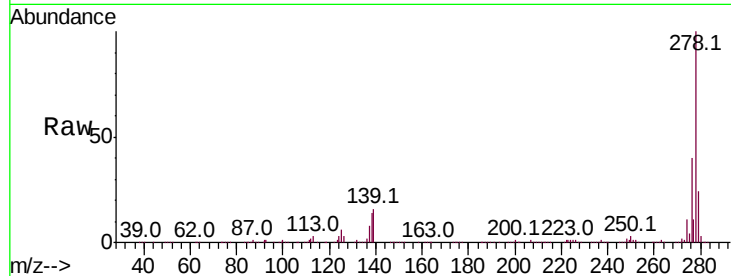
#91
Dibenzo(a,h)anthracene
Concen: 52.931 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.9	20.9
279	24.2	19.2	28.8

Manual Integrations
APPROVED

mohammad
9/11/2020 11:48:20 AM



#92
Benzo(g,h,i)perylene
Concen: 54.307 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.01 min
Lab File: BF121551.D
Acq: 10 Sep 2020 14:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.0
138	22.0	18.7	28.1

